

2

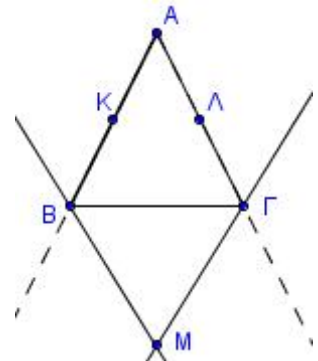
2824.  $(AB = A\Gamma)$   $\mu$  .  
 $EH \perp B\Gamma$   $\Delta Z \perp B\Gamma$ ,  
 $)$   $\mu$  13  
 $) EH = \Delta Z$   $\mu$  12

2846.  $(AB = A\Gamma)$  .  
 $)$   $\mu$  15  
 $) A\Delta = AE$   $\mu$  10

2847.  $(AB = A\Gamma)$   $\mu$  .  
 $\mu$   $\mu$   
 $) MK = M\Lambda$   $\mu$  13  
 $)$   $\mu$   $\mu$   $\mu$  12

2848.  $\mu$   $AB = A\Gamma$   $\mu$  .  
 $\mu$   $\mu$   $\mu$   
 $) M\Delta = ME$   $\mu$  12  
 $)$   $\mu$  13

2854.  $\mu$   $AB = A\Gamma$  .  
 $\mu$   $\mu$   
 $)$   $\mu$   $\mu$  .  
 $) MK = M\Lambda$   $\mu$  12  
 $\mu$  13



3417.  $(AB = A\Gamma)$   
 $(A'B' = A'\Gamma')$ .  
 $) AB = A'B'$   $\widehat{A} = \widehat{A'}$ ,  $\mu$  13  
 $) A\Gamma = A'\Gamma'$   $\widehat{B} = \widehat{B'}$ ,  $\mu$  12

3420.  $\mu$  .  
 $)$   $\mu$   $AB = A\Gamma$ ,  $\mu$  12  
 $)$   $\mu$   $AB = A\Gamma$   $\mu$  13

3421.  $\mu$   $\mu$  ( )  $\mu$   $\mu$   
 $)$   $\mu$  12  
 $)$   $\mu$   $\mu$   $\mu$  13

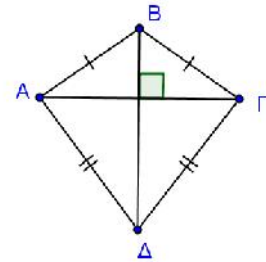


5075.  $\mu$  ,  $MB = MG$  .  $\mu$   $AB = AG$   $\mu$   
 )  $\mu$  12  
 )  $\mu$  13

5136.  $(AB = AG)$  ,  $\mu$   
 $\mu$   $\mu$   $AL = \frac{1}{3}AB$   $AE = \frac{1}{3}AG$  .  $\mu$  ,  
 :  
 )  $\mu$   $\mu$   $\mu$  5  
 )  $\mu$  10  
 )  $\mu$  10

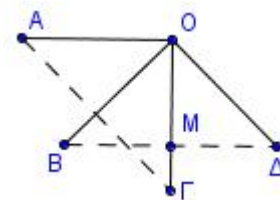
5139.  $(KA = KB)$   $\mu$  .  
 $\mu$   $\mu$  ( )  $\mu$   $\mu$  ( )  
 $\mu$   $\mu$  ,  $AL = BM$  . :  
 )  $\mu$  12  
 )  $\mu$  13

5144.  $\mu$   $BA = BG$   $\Delta A = \Delta G$  .  $\mu$   
 )  $\mu$  :  
 )  $\mu$   $\mu$   $\mu$   $\mu$  .  $\mu$  12  
 $\mu$  13



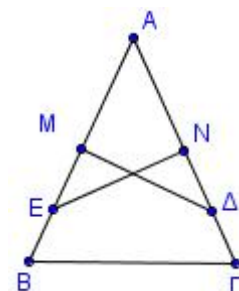
5157.  $x$   $y$   $\mu$   $\mu$  .  $\mu$   
 $\mu$   $\mu$  :  $\mu$   $y$  , ,  
 $OA = OB$  . :  
 )  $MA = MB$   $\mu$  15  
 )  $\mu$   $\mu$  .  $\mu$  10

5560.  $\widehat{AOB} = \widehat{BOG} = \widehat{GOΔ}$   $OA = OB = OG = OΔ$  ,  
 :  
 )  $AG = BΔ$   $\mu$  10  
 )  $\mu$   $\mu$  ,  $\mu$   $\mu$   $\mu$  15



5582.  $\mu$   $AB = AG$  .  $\mu$   $\mu$   
 ( )  $\mu$   $\mu$   
 ,  $AL = AE$  . :  
 )  $BE = GΔ$   $\mu$  6 )  $BΔ = GE$   $\mu$  10 )  $\Delta \widehat{B}G = E \widehat{G}B$   $\mu$  9

5591. ,  $\mu$  :  
 )  $MΔ = NE$   $\mu$  12  
 )  $AB = AG$   $MΔ = NE$  .  $\mu$  13

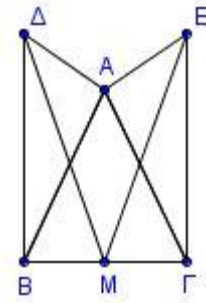




6592.

$(AB = A\Gamma) . \mu$

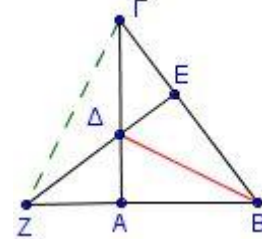
$B\Delta \perp B\Gamma$   $\mu$   $\Gamma E \perp B\Gamma$   $\mu$  ,  $B\Delta = \Gamma E . \mu \mu$   
 $)$   $\mu$   $A\Delta = AE . \mu 12$   
 $)$   $\mu 13$



7453.

$(\hat{A} = 90^\circ)$

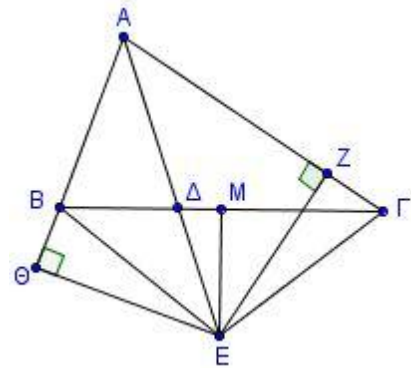
$\Delta E \perp B\Gamma$   $\mu$   $\mu$   $\mu$   
 $)$   $BE = AB$   $\mu 12$   
 $)$   $\mu 13$



4

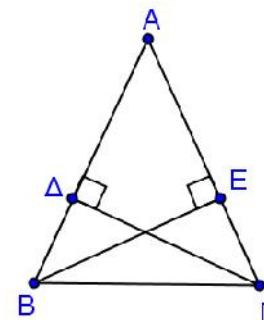
2787.

$\mu$   $\mu$   $\mu$   $\mu$   $\mu$   $\mu$   
 $)$   $A\hat{\Gamma}E + A\hat{B}E = 180^\circ .$



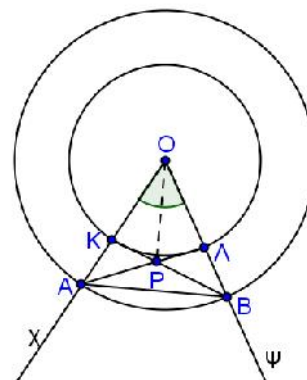
3695.

$\mu$   $AB = A\Gamma ,$   
 $\mu 10$   
 $\mu 10$   
 $\mu 5$



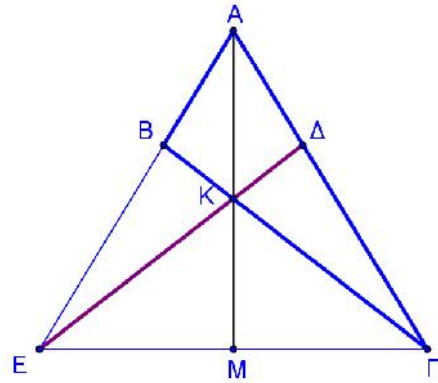
3696.

$(O, r_1)$   $(O, r_2)$   $\mu$   $r_1 < r_2$   $\mu$   
 $)$   $AL = BK$   $\mu 8$   
 $)$   $\mu 8$   
 $)$   $\mu$   $\hat{x}O . \mu 9$



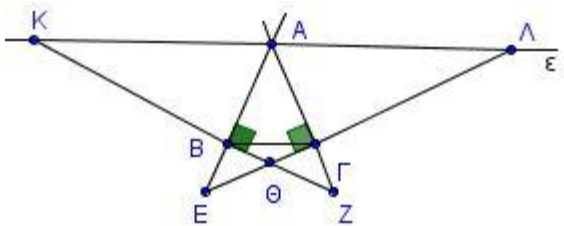
4741

$AB < AG$  .  
 ( )  $\mu$   $\mu$   
 = .  $\mu$   $\mu$   
 $\Delta\Delta = AB$  .  $\mu$   
 :  $\mu$  ,  
 )  $B\Gamma = \Delta E$   $\mu 6$   
 )  $BK = K\Delta$   $\mu 7$   
 )  $\mu$   $\mu$   $\mu 6$   
 )  $\mu$  .  $\mu 6$



4806.

$\mu$  ,  $\mu$   
 $\mu$  .  
 $\mu$  .  
 ) :  
 i.  $AZ = AE$   $\mu 8$   
 ii.  $AK = AL$   $\mu 9$   
 )  $\mu$  ,  $\mu$  ,  $\mu$   $\mu$  ,  $\mu$   $\mu$  ,  $\mu$   $\mu$  .  $\mu 8$



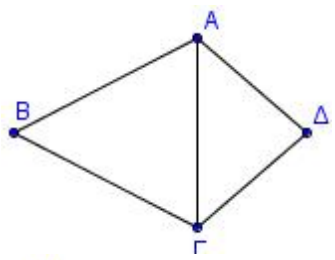
2

5029.

$\hat{A} = \hat{\Gamma}$  .

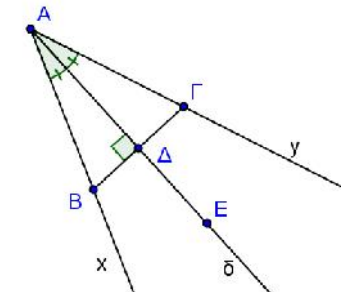
:  
 )  $B\hat{A}\Gamma = B\hat{\Gamma}A$   $\mu 8$   
 )  $\mu$   $\mu$   $\mu 10$   
 )  $\mu$   $\mu$   $\mu 7$

$BA = B\Gamma$



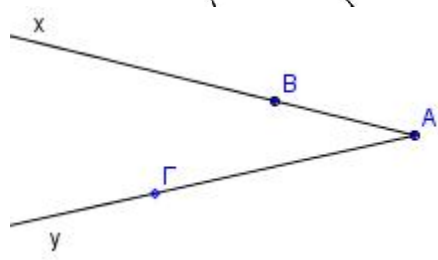
5619.

$x$   $y$   $\mu$   $\mu$  .  $\mu$  ,  
 $\mu$   $x$   $\mu$   $y$  .  $\mu$  ,  
 :  
 )  $AB = AG$   $\mu 12$   
 )  $\mu$   $\mu 13$



5733.

$\mu$   $\mu$   $\mu$   $\mu$  .  
 $\mu$   $x$   $y$   $\mu\mu$   $\mu$  .  
 $\mu$   $\mu$   $x$   $y$   $\mu$  .

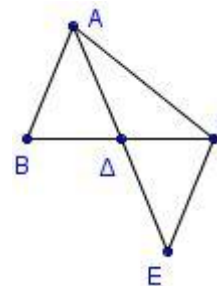


- )  $\mu$  .  $\mu 9$  , :
- )  $\mu$  .  $\mu 9$
- )  $\mu$  .  $\mu 7$

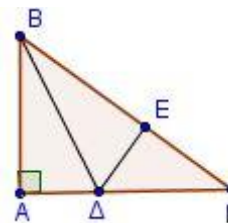
**2**

- 2837.** ( $\hat{A} = 90^\circ$ )  $\mu$   $\mu$  ,  $\mu$
- )  $A\Delta = \Delta E$   $\mu 13$
  - )  $A\Delta < \Delta B$   $\mu 12$

- 3425.**  $\mu$  ,  $\mu$  ,  $\Delta E = A\Delta$  .
- )  $AB = \Gamma E$   $\mu 12$
  - )  $A\Delta < \frac{AB + \Delta\Gamma}{2}$   $\mu 13$



- 5580.**  $\mu$   $\mu$  ,  $\mu$  .
- )  $A\Delta = \Delta E$   $\mu 8$
  - )  $A\Delta < \Delta\Gamma$   $\mu 9$
  - )  $A\Gamma > AB$   $\mu 8$



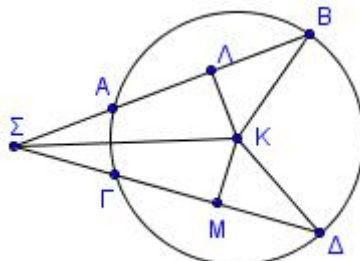
**4**

- 3726.**  $\mu$   $\mu$  ,  $\mu$   $\mu\mu$   $\mu$  .  $A'$   $\mu\mu$   $\mu$
- )  $BA'$   $\mu$   $\mu$  , :
  - i.  $\mu$   $\mu$   $\mu$   $\mu$   $\mu 6$
  - ii.  $\mu$   $\mu$   $\mu$   $\mu$   $\mu 6$
  - )  $\mu$   $\mu$  :
  - i.  $KA = KA'$   $\mu 6$
  - ii.  $KA + KB > AO + OB$   $\mu 7$

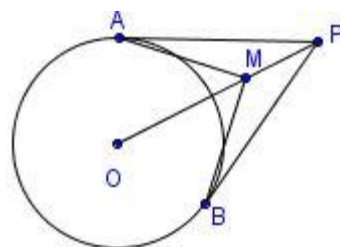
2

2816.  $\Sigma B = \Sigma \Delta$ .

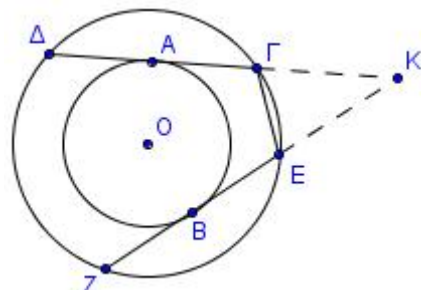
i.  $K\Lambda = KM$ .



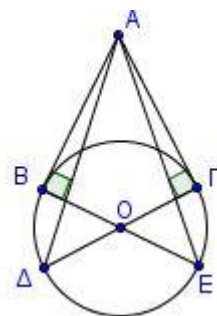
5127.  $M\hat{A}O = M\hat{B}O$ .



5613.  $\Delta\Gamma = ZE$ .

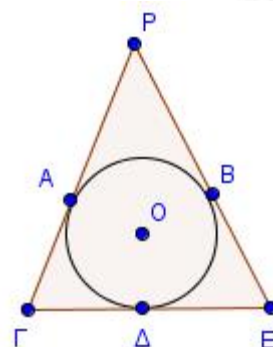


5647.



4

3728.  $P\Gamma = \Gamma\Delta + AP$   
 $P\Gamma - \Gamma\Delta = PE - \Delta E$   
 $\Delta\Gamma = BE$





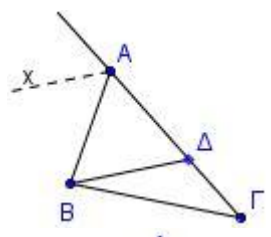




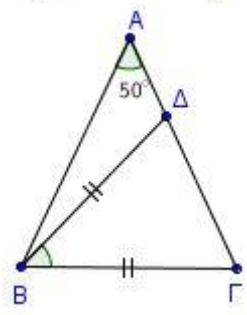




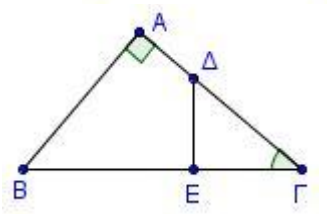
5064.  $\mu$   $AB < AG$ .  $\mu$   
 $\hat{A} = 120^\circ$ .  $\mu$   
 )  $\mu$  :  $\mu$  .  
 i.  $\mu$  10  
 ii.  $\Delta\Gamma = AG - AB$   $\mu$  5  
 )  $\hat{\Gamma}$   $\mu$  10



5080.  $(AB = AG)$   $\mu$   $\hat{A} = 50^\circ$ .  $\mu$  10  
 $\mu$  , ,  $B\Delta = B\Gamma$ .  $\mu$  5  
 )  $\Delta\hat{B}\Gamma = \hat{A}$ .  $\mu$  12  
 )  $\mu$  13

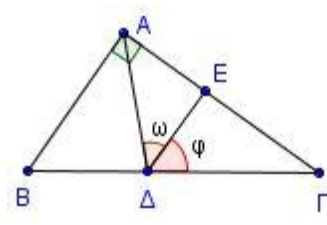


5089.  $(\hat{A} = 90^\circ)$   $\mu$   $\hat{\Gamma} = 40^\circ$ .  $\mu$  10  
 $\mu$  :  $\Delta E \perp B\Gamma$ .  $\mu$  15  
 )  $\mu$  10  
 )  $\mu$  15

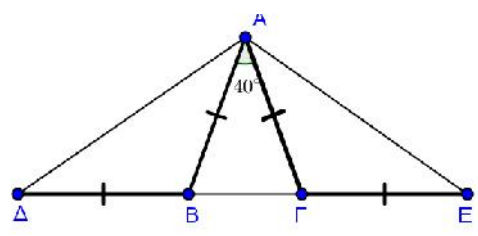


5092.  $(AB = AG)$   $\mu$   $\hat{A} = 40^\circ$ .  $\mu$  10  
 ( )  $\mu$   $\mu$   $\mu$  ,  $B\Delta = AB$ .  $\mu$  10  
 )  $\mu$  15  
 )  $\Delta\hat{A}\Gamma$

5094.  $(\hat{A} = 90^\circ)$ .  $\mu$   
 $\mu$   $\Delta E \parallel AB$ .  $\mu$  8  
 $\hat{B} = \hat{\Gamma} + 20^\circ$ ,  $\mu$  10  
 )  $\mu$  7  
 i.  $\mu$  8  
 ii.  $\mu$  10  
 )  $\mu$  7



5100.  $\mu$   
 $\Delta B = BA = AG = GE$   $B\hat{A}\Gamma = 40^\circ$ .  $\mu$  10  
 )  $A\hat{B}\Delta = A\hat{\Gamma}E = 110^\circ$ .  $\mu$  10  
 )  $\mu$  10  
 )  $\mu$  5



5142.  $\mu$   $\hat{A} = 80^\circ$ ,  $\hat{B} = 20^\circ + \hat{\Gamma}$   $\mu$  12  
 )  $\mu$  13

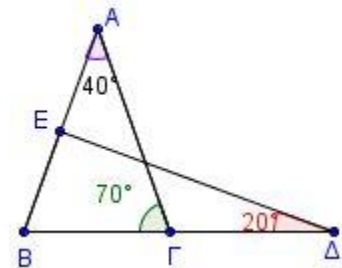


( ) μ , μ 15

6584. ( $\hat{A} = 90^\circ$ ) μ  
 ) μ μ μ μ 9  
 ) μ μ 9  
 ) 20° μ μ 7

6593. μ AB = AΓ .  
 ) μ μ 13  
 )  $\hat{A} = 75^\circ + \hat{B}$ , μ 12

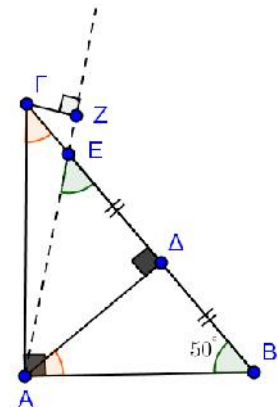
6595. μ : μ 12  
 ) μ 13



4

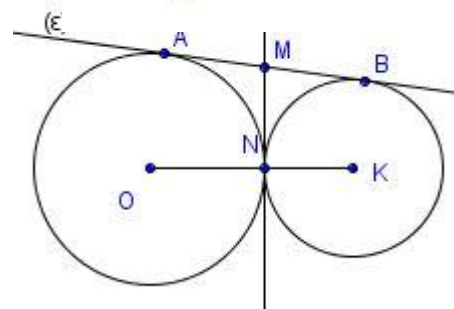
2788. ( $\hat{A} = 90^\circ$ ) μ

$\hat{B} = 50^\circ$ , μ  
 $\Delta E = B\Delta$ . μ  
 ) : μ 6  
 i.  $\Delta ABE$  μ 10  
 ii.  $\Gamma \hat{A} E = 10^\circ$ . μ 9  
 )



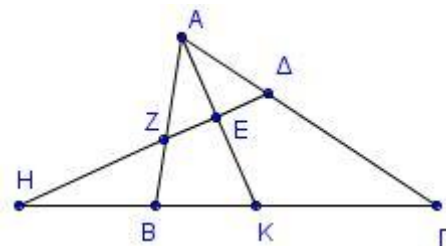
3777. (O,  $r_1$ ), (K,  $r_2$ )  
 ( ) μ

μ μ ( ) μ  
 ) μ μ 7  
 )  $\hat{OMK} = 90^\circ$ . μ 9  
 )  $\hat{ANB} = 90^\circ$  μ 9



3825. μ AB < AΓ .

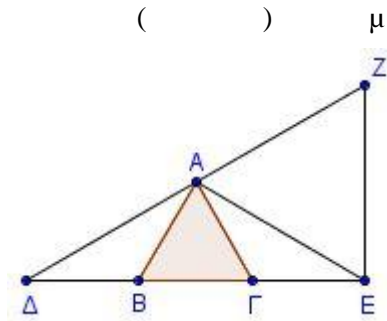
μ μ μ μ  
 μ μ μ μ  
 μ μ μ μ  
 )  $\hat{Z\Delta\Gamma} = 90^\circ + \frac{\hat{A}}{2}$  μ 7



- )  $ZK = K\Delta$  μ 8
- )  $Z\hat{H}\Gamma = \frac{\hat{B} - \hat{\Gamma}}{2}$  μ 10

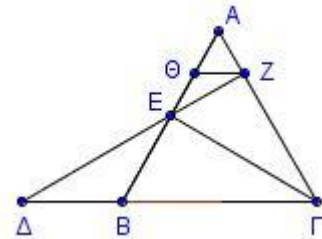
**4588.**

- μ ( )  $B\Delta = B\Gamma$ , μ μ
- $\Gamma E = B\Gamma$ . μ
- ) μ 8
- ) μ 12
- )  $AB \parallel \Gamma Z$ . μ 5



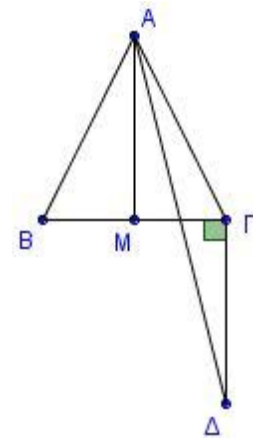
**4622.**

- μ μ  $B\Delta = \frac{B\Gamma}{2}$ . μ
- $Z\Theta \parallel B\Gamma$ :
- ) μ 10
- ) μ 5
- )  $AE = 2\Theta Z$ . μ 5
- )  $3AB = 4\Theta B$ . μ 5



**5900.**

- μ  $\Gamma\Delta \perp B\Gamma$  μ  $\Gamma\Delta = AB$  (  $AB = A\Gamma$  ) μ
- )  $AM \parallel \Gamma\Delta$  μ 6
- ) μ 7
- )  $\Delta\hat{A}\Gamma = 45^\circ - \frac{\hat{B}}{2}$  μ 7
- )  $A\Delta < 2AB$  μ 5





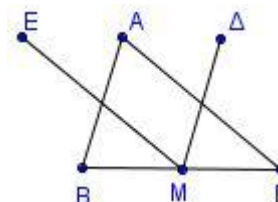
2

2822.  $\mu$  )  $\mu\mu$   $\Delta E = A\Delta$   $\mu$   $AB = 2B\Gamma$ .  $\mu$  )  $\mu$  )  $\mu\mu$  .  $\mu$  7  
 $\mu$  9  
 $\mu$  9

2825.  $\mu$  ( , )  $\mu\mu$   $M\Delta = BM$  ( )  
 $\mu\mu$   $NE = \Gamma N$ .  
 $\mu$  )  $A\Delta \parallel B\Gamma$   $AE \parallel B\Gamma$ .  $\mu$  13  
 $\mu$  ) , ; .  $\mu$  12

2827.  $\mu\mu$  ,  $\mu$   $\mu$  .  
 $\mu$  :  
 $\mu$  ) .  $\mu$  10  
 $\mu$  )  $\mu\mu$  .  $\mu$  15

2829.  $\mu$   $\mu$   $\mu$   $\mu$   $\mu$   $\mu$  :  
 $\mu$  )  $\Delta A = AE$   $\mu$  8  
 $\mu$  )  $\mu$  ,  $\mu$  9  
 $\mu$  )  $\Delta E = B\Gamma$ .  $\mu$  8



2834.  $\mu\mu$  ,  $\mu$   $\mu$   $AB = 2A\Delta$ .  $\mu$  )  $\mu$  )  $\mu$   $\mu$  ; .  $\mu$  12  
 $\mu$  13

2836.  $\mu$   $\mu$  :  $\mu\mu$   $\mu$   $\mu$   $\mu$   $\mu$  ,  $OE = OZ$ .  
 $\mu$  )  $\Delta E = BZ$   $\mu$  12  
 $\mu$  )  $\mu\mu$  .  $\mu$  13

2858.  $\mu\mu$   $\mu$   $AB = 2B\Gamma$   $\mu$  )  $\mu$  )  $\mu$  .  $\mu$  10  
 $\mu$  15

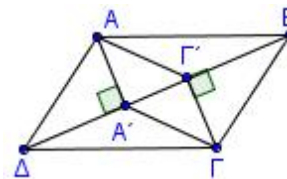
3411.  $\mu$   $\mu$   $\mu$   $M\Delta = \Delta E$ .  $\mu$  )  $\mu\mu$  .  $\mu$  12  
 $\mu$  )  $\mu$   $\mu$  .  $\mu$  13

5073.  $\mu$

$\mu\mu$

- )  $AA' \parallel \Gamma\Gamma'$
- )  $AA' = \Gamma\Gamma'$

$\mu 8$   
 $\mu 10$   
 $\mu\mu 7$



5104.  $\mu$

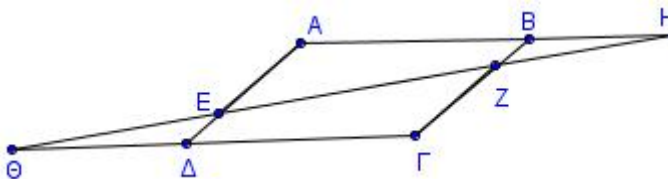
$\mu\mu$

- )
- )

$\mu 12$   
 $\mu 13$

5108.

$\mu\mu$   
 $\mu$   
 $\mu$   
 $\mu$   
 $AE = \Gamma Z.$

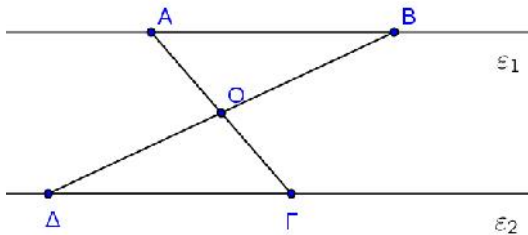


- )  $H\hat{B}Z = E\hat{\Delta}\Theta$
- )  $B\hat{Z}H = \Delta\hat{E}\Theta$
- )  $BH = \Theta\Delta$

$\mu 8$   
 $\mu 8$   
 $\mu 9$

5129.

$\mu$   
 $\mu$   
 $\mu$   
 $\mu 12$   
 $\mu 13$

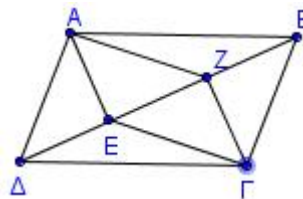


5162.

$\mu\mu$   $\mu$   $AB > B\Gamma.$

- )  $AE = \Gamma Z$

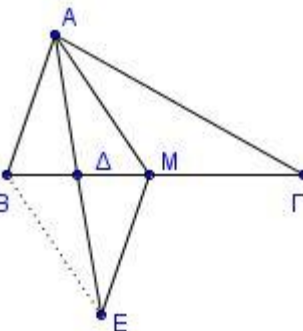
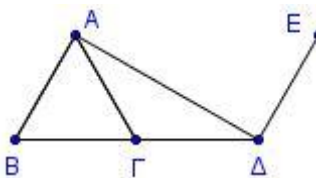
$\mu 15$   
 $\mu 10$



5568.

$\mu$   $\mu$   $\mu$   $\Gamma\Delta = B\Gamma.$   $\mu$   $\mu$   $\mu$   
 $\mu$   
 $\mu$   
 $\mu 12$   
 $\mu\mu$   
 $\mu 13$

- )  $\Delta E = B\Gamma.$



5574.

$B\Gamma = 2AB$

- )  $A\Delta = \Delta E.$

)  
 )  $ME = MG$ .

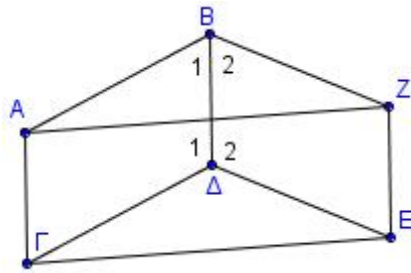
$\mu\mu$  .  $\mu 12$   
 $\mu 13$

5589.

)  
 )  $\widehat{ABZ} = \widehat{\Gamma\Delta E}$

$\mu\mu$

$\mu\mu$  .  
 $\mu 13$   
 $\mu 12$



5635.

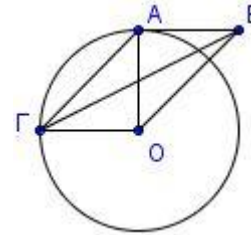
$AB = OG$ .

)  
 )

$\mu$

$\mu$   
 $\mu\mu$

$\mu\mu$  .  $\mu$   
 $\mu\mu$  .  $\mu$   
 $\mu 10$   
 $\mu 15$



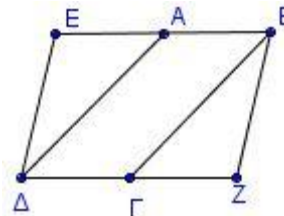
5654.

$AE = AB$   $\Gamma Z = \Delta\Gamma$ .  
 )  $BZ = E\Delta$   
 )

$\mu\mu$  ( )

(  $\mu$  )

$\mu 13$   
 $\mu\mu$  .  $\mu 12$



6882.

)  $BM = \frac{AE}{2}$ .

$M\Delta = MA$ .  
 $AB < A\Gamma$

$\mu$  .  $\mu$   
 $\mu$  .  $\mu$   
 $\mu\mu$  .  $\mu 12$   
 $\mu 13$

4

2789.

( , ).  
 )  
 )  
 )

$\mu$   $x$   $\mu\mu$   
 $\mu$   $\widehat{\Gamma}$  .

$\mu$   $Ax \parallel B\Gamma$   $\mu$   
 $\Delta\Delta = B\Gamma$  .  
 $\mu 7$   
 $\mu 9$   
 $\mu 9$

3701.

$\mu$  1:  
 $\mu$  2:  $\widehat{A\Delta E} = \widehat{B\Delta\Gamma}$ .  
 $\mu$  3:

$\mu$   $AB > A\Delta$ ,  
 $\mu\mu$  .

)  
 )  
 $\mu 16$   
 $\mu$   
 $\mu\mu$   
 $\mu 9$





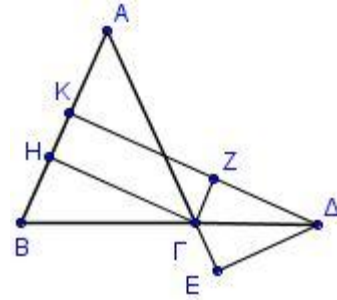




4571.

$AB = AG$

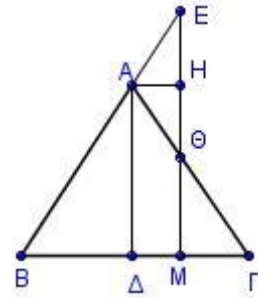
- )  $\Delta K - \Delta E = HG$



4603.

$(AB = AG)$

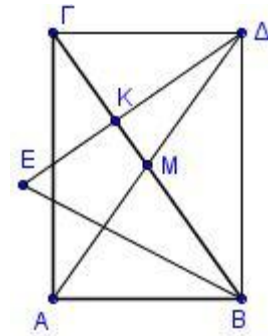
- )  $\Delta \hat{A}H = 90^\circ$
- )  $M\Theta + ME = 2A\Delta$



4643.

$\hat{A} = 90^\circ$

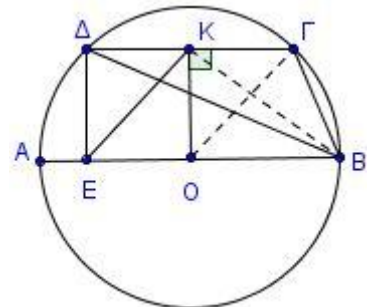
- )  $M\Delta = AM$
- )  $\hat{K}EB = 90^\circ - \frac{\hat{B}}{2}$
- )  $\Delta E = B\Delta$



4814.

$\Gamma\Delta \parallel AB$

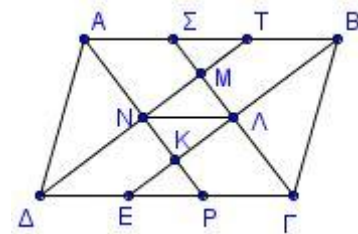
- )  $\Delta \hat{E}K = \frac{\Delta \hat{O}\Gamma}{2}$
- )  $KE < KB$



5908.

$AB > A\Delta$

- )  $\Delta N \parallel AB$
- )  $\Delta N = AB - A\Delta$





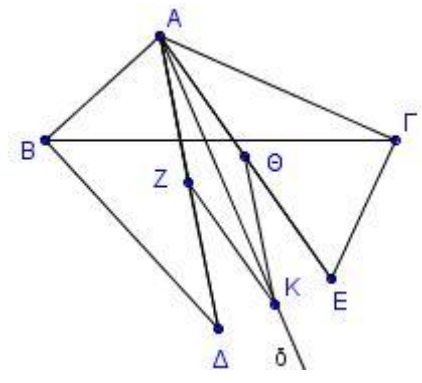


4652.  $BK = K\Lambda = \Lambda\Delta$ .

- )
- )
- )

4798.  $\widehat{A} > 90^\circ$ .  
 $B\Delta = A\Gamma$   
 $\Gamma E = AB$ .

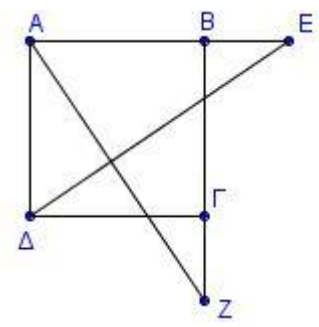
- )  $A\Delta = AE$ .
- )
- )  $KZ = AZ$ ,



2

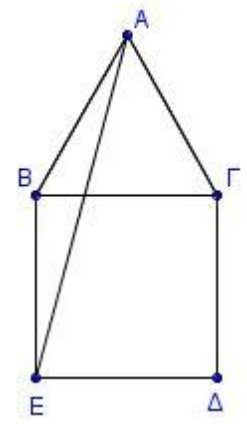
5575.  $BE = \Gamma Z$ .

- )
- )



5586. i.  $\widehat{ABE}$   
 ii.  $\widehat{BEA}$

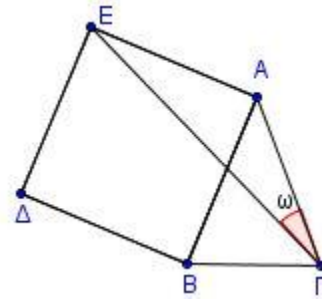
- )



5587.

$\mu \quad AB = A\Gamma.$

- $\mu$  :  
 )  $\mu 10$   
 )  $2\widehat{E\Gamma A} = 90^\circ - \widehat{B\hat{A}\Gamma}.$   $\mu 15$



5601.

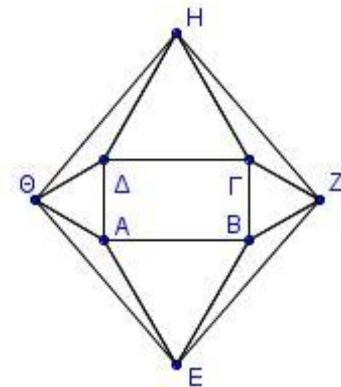
$\mu \quad \mu$

- )  $\mu 13$   
 )  $\mu$   $\mu 12$

4

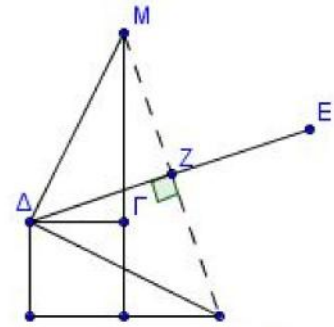
3705.

- $\mu$  , ,  
 )  $\mu 15$   
 )  $\mu$  .  
 )  $\mu\mu$  ;  $\mu 10$



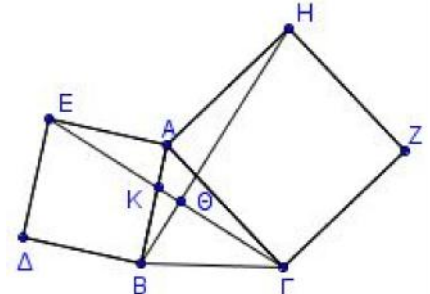
3727.

- $\mu \quad \mu \quad BN = AB$   $\mu \quad \mu \quad \Gamma M = AN.$   
 )  $\mu 7$   
 i.  $\Delta N = \Delta M$   $\mu 10$   
 ii.  $\Delta N \perp \Delta M$   
 )  $\mu\mu$   $\mu 8$



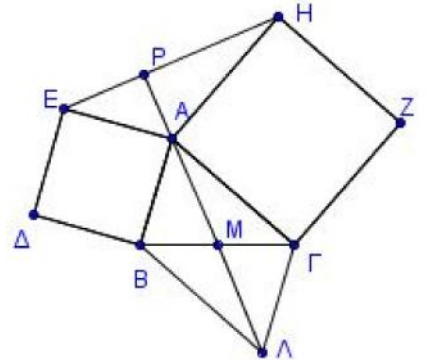
3817.

- $\mu$  :  
 )  $\widehat{E\hat{A}H} = \widehat{A\hat{B}\Gamma} + \widehat{A\hat{\Gamma}B}$   $\mu 8$   
 )  $E\Gamma = BH$   $\mu 9$   
 )  $\mu 8$



3906.

- $\mu$  ,  $\mu$   $AM = M\Lambda,$   $\mu$   
 )  $\Gamma\Lambda = AE.$   $\mu 10$   
 )  $\widehat{A\hat{\Gamma}\Lambda} = \widehat{E\hat{A}H}.$   $\mu 10$   
 )  $\mu$   $\mu 5$





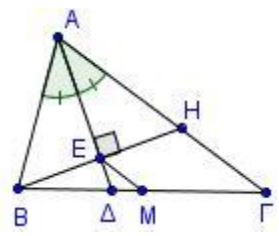


μ 16  
μ 9

4

3694. (AB < AG) μ

- ) EM || HG μ 9
- ) EM =  $\frac{AG - AB}{2}$  μ 8



3697. ) μ μ

- i. μ 8
- ii. μ 9

3699. μ μ μ

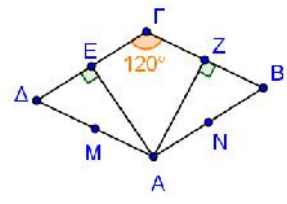
- ) μ 8
- )  $\hat{A}\hat{E}\hat{\Delta} = \hat{B}\hat{Z}\hat{\Gamma}$  μ 8
- ) μ μ μ 9

3717. μ μ μ μ μ

- ) ΔE || BΓ μ 15
- ) μ μ μ μ μ 10

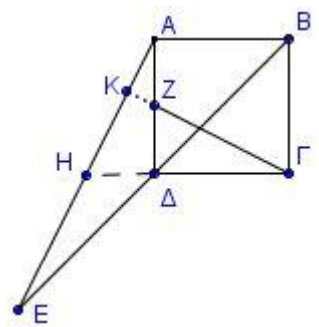
3720. μ μ  $\hat{\Gamma} = 120^\circ$  μ μ μ μ μ

- i. μ μ μ 8
- ii.  $AG \perp EZ$  μ 8
- ) μ μ μ 9



3762. μ μ μ μ μ μ μ μ μ

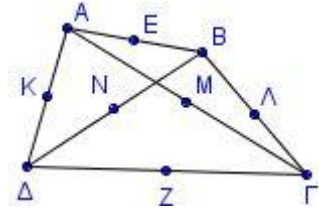
- )  $\Delta H = \frac{AB}{2}$  μ 8
- ) μ 9
- ) μ 8



3784.  $\mu$   $AA = B\Gamma$ .

- )  $\mu$
- )  $\mu$
- )  $KE = Z\Lambda$
- )  $\mu$

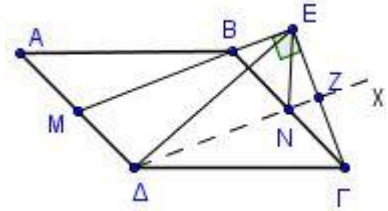
$\mu$  8  
 $\mu$  7  
 $\mu$  5  
 $\mu$  5



3789.  $\mu\mu$   $\mu$

- )  $(\Gamma E \perp MB)$ .
- )  $(\Delta x \parallel MB)$   $\mu$

- )  $\mu$
- )  $\mu$   $\mu\mu$   $\mu$  7
- )  $\Delta E = \Delta\Gamma$   $\mu$  9  $\mu$  9



3904. )  $\mu$   $\mu$   $\mu$   $\mu$

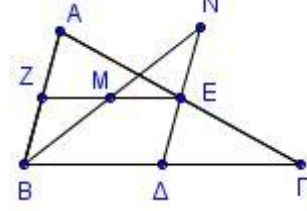
- )  $\mu$   $\mu$   $\mu$   $\mu$   $\mu$  15
- )  $\mu$   $\mu$   $\mu$   $\mu$   $\mu$  10

3915. )  $\mu$   $\mu$   $\mu$   $\mu$

- )  $\mu$   $\mu$   $\mu$  13
- )  $\mu$   $\mu$  12

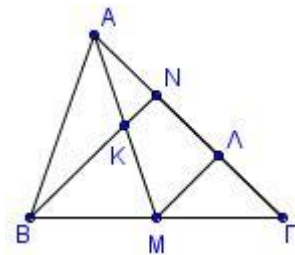
3932.  $\mu$   $AB < A\Gamma$   $\mu$   $\mu$

- )  $\mu$   $\mu$   $\mu$   $\mu$   $\mu$   $\mu$  7
- )  $\mu$   $\mu$   $\mu$  10
- )  $BZ + NE = \Delta\Gamma$   $\mu$  8



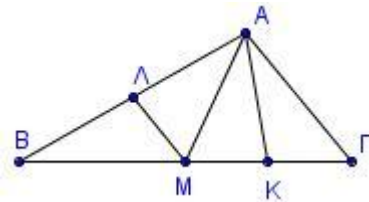
3938.  $\mu$   $\mu$   $\mu$   $\mu$

- )  $\mu$   $\mu$   $\mu$   $\mu$   $\mu$  9
- )  $K\hat{M}\Gamma = M\hat{B}K + A\hat{K}N$   $\mu$  9
- )  $BK = 3KN$   $\mu$  7



3945.  $\mu$   $B\Gamma = 2A\Gamma$   $\mu$

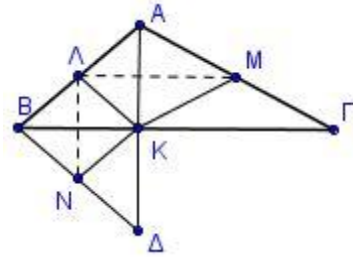
- )  $M\hat{A}\Gamma = A\hat{M}\Gamma$   $\mu$  7
- )  $M\Lambda = MK$   $\mu$  9
- )  $\mu$   $\mu$   $\mu$  9



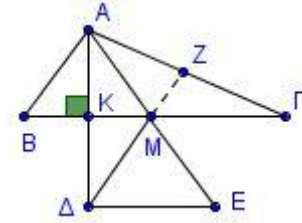




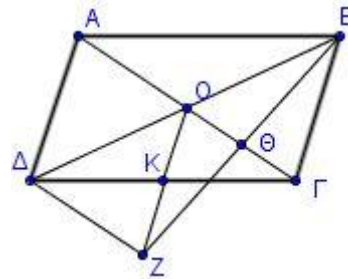
4783.  $AK = K\Delta$ .  
 $\Delta M \perp \Delta N$



4803.  $AM = AB$ .  
 $K\Delta = AK$ .  
 $ME = M\Delta$ .  
 $\Delta E \perp A\Delta$ .  
 $\Delta E = 2KM$ .



4810.  $KZ = KO$ .  
 $AO = \Delta Z$



7433.  $\mu \mu$ .  
 $\mu \mu$ .  
 $\mu \mu$ .  
 $\mu \mu$ .

2

2832.  $AH = \Delta A$ .  
 $\mu \mu$ .  
 $\mu \mu$ .

2841.  $(\hat{A} = 90^\circ)$ .  
 $A\Delta = \frac{B\Gamma}{2}$ .  
 $\mu \mu$ .  
 $\mu \mu$ .

)  $\mu 8$  )  $\Delta E = \frac{A\Gamma}{2}$   $\mu 9$

**2844.**  $\mu \mu$   $\mu \hat{A} = 120^\circ$

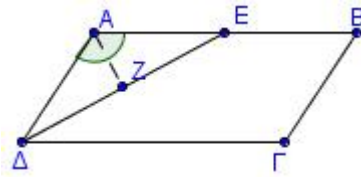
$AB = 2A\Delta$   $\mu$   $\mu$

$\mu \mu$   $\mu \mu$

:

)  $\hat{A}\hat{E} = 30^\circ$   $\mu 10$

)  $AZ = \frac{AB}{4}$   $\mu 15$

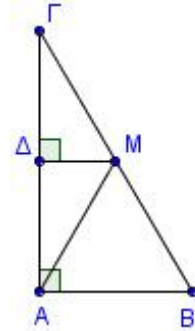


**2849.**  $(\hat{A} = 90^\circ)$   $\mu$   $B\Gamma = 8\text{cm}$ .

$\mu$   $M\Delta \perp A\Gamma$   $A\hat{M}\hat{\Gamma} = 120^\circ$  :

)  $AB = 4\text{cm}$   $\mu 12$

)  $\mu$   $\mu$   $\mu 13$



**2852.**  $(AB = A\Gamma)$   $($

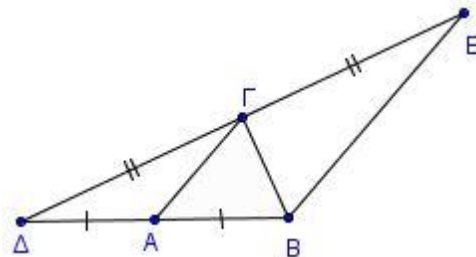
)  $\mu$   $\mu$   $AB = A\Delta$

$\mu$   $($   $\mu$

)  $\mu$   $\Delta\Gamma = \Gamma E$  :

)  $\mu 12$

)  $BE \parallel A\Gamma$   $A\Gamma = \frac{BE}{2}$   $\mu 13$

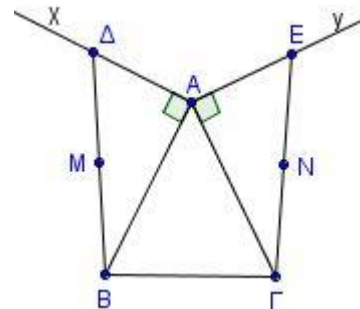


**2856.**  $(AB = A\Gamma)$   $\mu$

$Ax \perp AB$   $Ay \perp A\Gamma$   $x$   $y$   $\mu$   $\mu$

)  $\mu$   $A\Delta = A\Gamma$   $\mu 12$

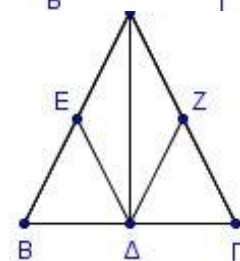
)  $\mu$   $B\Delta = \Gamma E$   $\mu \mu$   $\mu 13$



**3416.**  $\mu$   $(AB = A\Gamma)$ ,

$\mu$   $\mu$   $\mu 15$

)  $\mu$   $\mu$   $\mu 10$

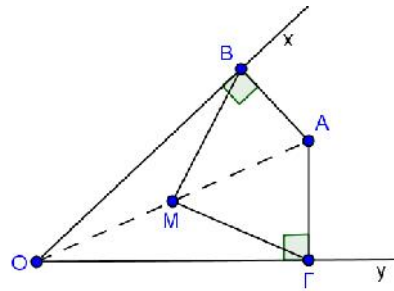


**3419.**  $\mu$   $AB < A\Gamma$   $\hat{\Gamma} = 30^\circ$ .

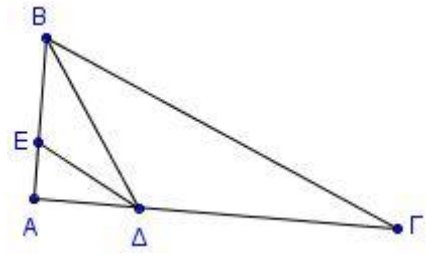
)  $\mu$   $\mu$   $\mu$   $\mu$   $\mu$   $($

)  $\Delta Z = \frac{A\Gamma}{2}$   $\mu 12$  )  $\mu 13$

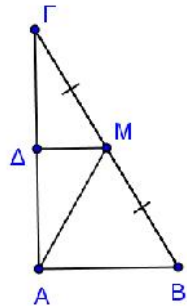
5033.  $x \perp y$   $\mu$   
 $\mu$   $\mu$   $\mu$   $y$   
 )  $\mu 10$   
 )  $B\hat{M}\Gamma = 2x\hat{O}y$ .  $\mu 15$



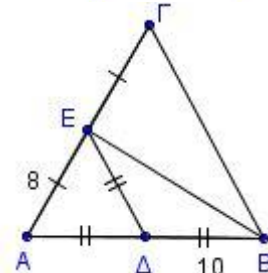
5059.  $(\hat{A} = 90^\circ)$   $\mu$   
 $\mu$   $\mu$   
 )  $\mu 10$   
 )  $A\hat{B} = 60^\circ$ ,  $\mu 8$   
 i.  $\mu 7$   
 ii.  $B\Gamma = 2AB$ .



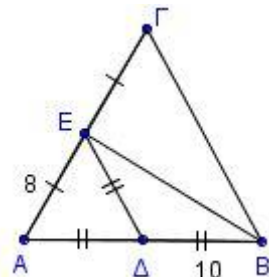
5096.  $(\hat{A} = 90^\circ)$   $\mu$   $\hat{B} = 2\hat{\Gamma}$   $\mu$   
 $\mu$   
 ) i.  $\mu 7$   
 ii.  $\mu 9$   
 )  $\mu 9$



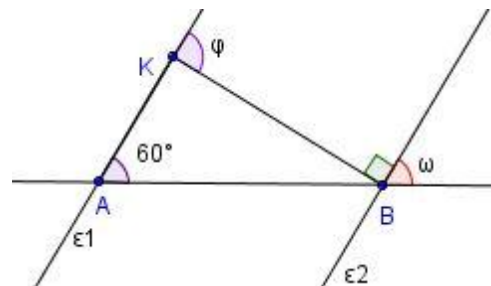
5117.  $\mu$   
 $\mu$   $AE = 8$   $\Delta B = 10$ .  $\mu$   
 )  $\mu 8$   
 )  $B\Gamma = 20$ .  $\mu 8$   
 )  $\mu 9$



5118.  $\mu$   $\mu$   
 $A\Delta = \Delta E = \Delta B$   $\mu$   $AE = 8$   $\Delta B = 10$ .  $\mu$   
 )  $\mu 6$   
 )  $\mu 10$   
 )  $\mu 9$

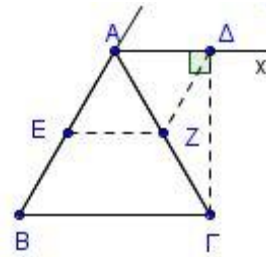


5132.  $\mu$   $1 \parallel 2$   
 $AB = 6$ .  $\mu 10$   
 )  $\mu 7$   
 )  $\mu 8$



5149.

$\mu$  x.  $\mu$   $\mu$   $\mu$   
 $\mu$   $\mu$   $\mu$   $\mu$   
 )  $\mu$  13  
 )  $\mu$  12



5557.

$\hat{A} + \hat{\Gamma} = 120^\circ$       $\hat{A} = 3\hat{\Gamma}$

)

)

$B\Gamma = 2\text{cm}$ ,  $\mu$   $\mu$  15  $\mu$  10

5562.

$\hat{A} = 90^\circ$       $\hat{\Gamma} = 25^\circ$

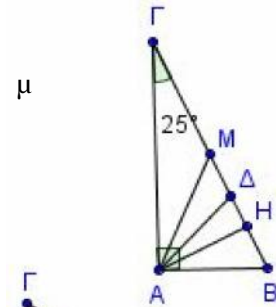
$\mu$

)

$\hat{A}\hat{M}\hat{B}$ ,  $\hat{H}\hat{A}\hat{B}$ ,  $\hat{A}\hat{\Delta}\hat{B}$ .  $\mu$  15

)

$\hat{M}\hat{A}\hat{\Delta} = \hat{\Delta}\hat{A}\hat{H} = 20^\circ$ .  $\mu$  10



5569.

$\hat{A} = 90^\circ$

$\mu$

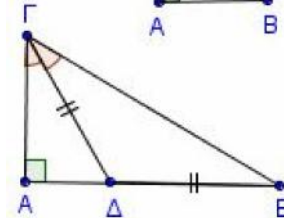
$\Gamma\Delta = \Delta B = 2\text{cm}$ .

$\mu$  12

)  $\hat{B} = 30^\circ$ .

$\mu$  13

)  $AB = 3\text{cm}$



5581.

$\hat{A} = 90^\circ$ ,  $\hat{B} = 35^\circ$

)

)

$\mu$  10

$\mu$  15

5583.

$\hat{A} = 90^\circ$ ,  $2\hat{\Gamma} = \hat{B}$

)

)

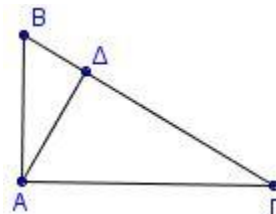
)

$B\Delta = \frac{AB}{2}$

$\mu$  9

$\mu$  7

$\mu$  9



5590.

$\hat{A} = 90^\circ$

$\mu$

(  $\mu$  )

$\mu$

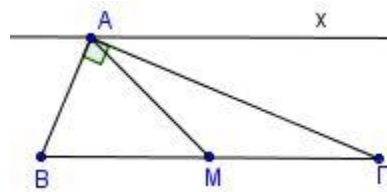
$\mu$

)  $\hat{M}\hat{A}\hat{\Gamma} = \hat{M}\hat{\Gamma}\hat{A}$

$\mu$  12

)  $\mu$  x.

$\mu$  13



5621.

$\hat{A} = 90^\circ$       $\hat{B} = 30^\circ$

$\mu$

$E\Delta = 1$ ,

$\mu$   $\mu$  :

)  $A\Gamma$ .....

$\mu$  8

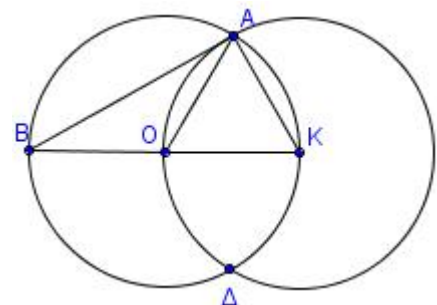
)  $B\Gamma$ .....

$\mu$  9

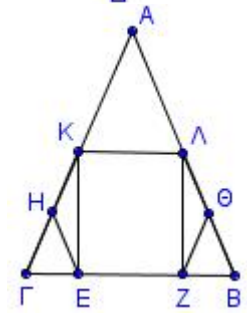
)  $A\Delta$ .....

$\mu$  8

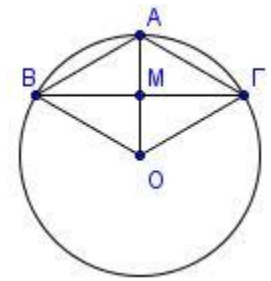
5626.  $(\dots)$   $(\dots)$   $\mu$   
 $OK = \dots$   $\mu$   
 $\dots$   
 $\dots$   $\mu 10$   
 $\dots$   $\mu 15$



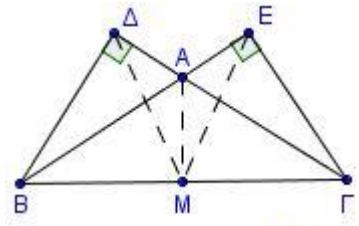
5630.  $AB = A\Gamma$ .  $\mu$   
 $\dots$   $\mu$   
 $\dots$   $\mu 15$   
 $EH = Z\Theta$ ,  $\dots$   $\mu$   $\mu \mu$   
 $\dots$   $\mu 10$



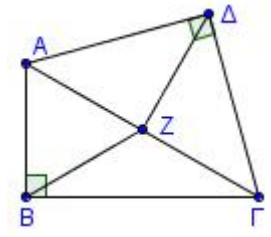
5637.  $\dots$   $\mu$   $\mu$   
 $\dots$   $\mu$   $\mu 10$   
 $\dots$   $\mu 15$



5638.  $AB = A\Gamma$ .  $\mu$   
 $\dots$   $\mu$   $\mu 10$   
 $B\Delta = \Gamma E$ .  $\mu$   
 $M\Delta = ME$   $\mu 8$   
 $\dots$   $\mu 7$



5652.  $\hat{B} = 90^\circ$   $\mu$   
 $\dots$   $\mu$   
 $\hat{\Delta} = 90^\circ$ .  $\mu$   
 $BZ = \Delta Z$ .  $\mu 13$   
 $A\hat{\Gamma}B = 30^\circ$ ,  $\dots$   $\mu 12$



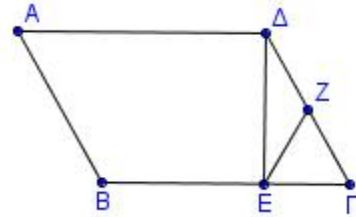
6580.  $\hat{A} = 90^\circ$   $\hat{B} > \hat{\Gamma}$   $\mu$   
 $\dots$   $\mu$   
 $\hat{B} = \hat{\Gamma} \hat{A} \Delta$   $\mu 12$   $A\hat{M} \Delta = 2\hat{\Gamma}$ .  $\mu 13$

6582.  $\hat{B} = 60^\circ$ .  $\mu$   
 $\dots$   $\mu \mu$   $\mu$   
 $\dots$   $\mu 8$   
 $\dots$   $\mu 9$   
 $\dots$   $\mu 8$

6885.  $AD = AG$ ,  $AG < AB$ .  $\mu$   $\mu$   $\mu$

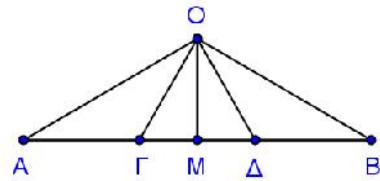
$AE = AG$ .  $\Delta \Gamma \perp EG$ .  $\mu$  12  
 $\mu$  13

7452.  $\hat{B} = 120^\circ$ .  $\mu\mu$   $\mu$   
 $\Delta E \perp BG$ .  $\mu$   
 $EZ = AK$ .  $\mu\mu$   $\mu$   $\mu$  8  
 $\mu$  9  
 $\mu$  8



4

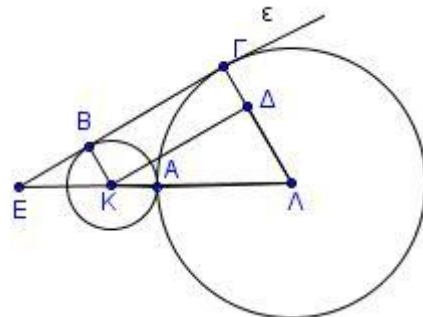
2792.  $AG = \Gamma\Delta = \Delta B$ .  $\mu\mu$   $\mu$   $\mu$   $\mu$   
 $OG = AG$   $\Delta B = O\Delta$ .  $\mu\mu$   $\mu$   $\mu$   $\mu$   
 i.  $\hat{\Gamma O\Delta} = 60^\circ$   $\mu$  9  
 ii.  $\hat{O\Delta\Gamma} = \hat{O\Delta B} = 30^\circ$   $\mu$  9  
 $2OM = OA$ .  $\mu$  7



2797.  $\hat{A} + \hat{\Gamma} = 2\hat{B}$   $\mu$   
 i.  $\hat{B} = 60^\circ$   $AZ = BZ$   $\mu$  10  
 ii.  $A\Delta = \frac{3}{2}BZ$   $\mu$  8  
 $\mu$  7

3691. (K, ) (A, 3)

$\Delta \hat{K\Lambda} = 30^\circ$   $\mu$  9  
 $E\Lambda = 6$   $\mu$  8  
 $\mu$  8



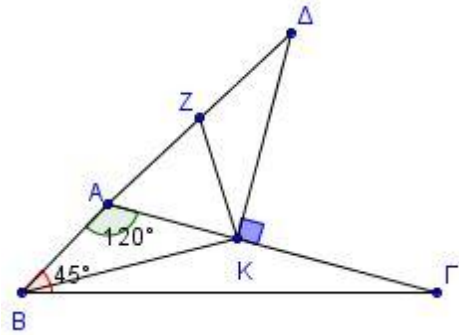


3741.  $AB = 2AD$ .

- )  $\mu 8$
- )  $\mu 9$
- )  $\mu 8$

3747.  $\angle A = 45^\circ$ ,  $\angle B = 120^\circ$ ,  $AD = 2AB$ .

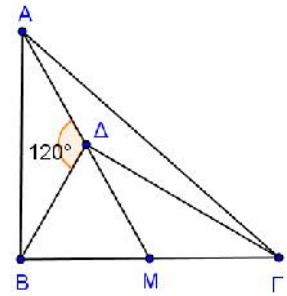
- )  $\angle A\hat{D}K = 30^\circ$   $\mu 6$
- )  $\mu 6$
- )  $\angle ZKB = 90^\circ$   $\mu 6$
- )  $\mu 7$



3751.  $B\Delta = \frac{B\Gamma}{2}$ .

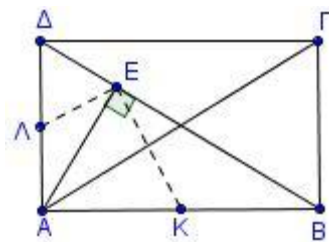
$\angle A\hat{B} = 120^\circ$ .

- )  $\mu 5$
- )  $\mu 6$
- )  $\mu 6$
- )  $2MK = AD$   $\mu 8$



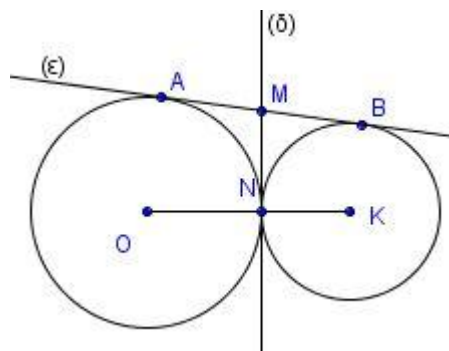
3754.  $AE \perp BD$ .

- i.  $\angle KE\Lambda = 90^\circ$   $\mu 8$
- ii.  $K\Lambda = \frac{A\Gamma}{2}$   $\mu 8$
- )  $\angle B\hat{A}\Gamma = 30^\circ$ ,  $K\Lambda = B\Gamma$   $\mu 9$



3777.  $(O, r_1), (K, r_2)$

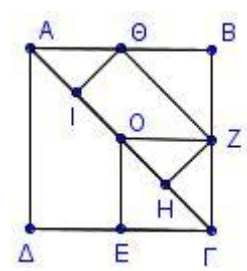
- )  $\mu 7$
- )  $\angle OMK = 90^\circ$   $\mu 9$
- )  $\angle ANB = 90^\circ$   $\mu 9$





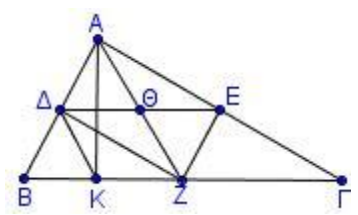
3806.

$AI = IO = OH = H\Gamma$ .  
 $ZH = \frac{A\Gamma}{4}$   
 $\Theta Z = 2OI$ .



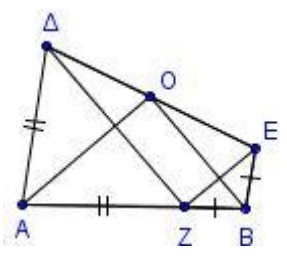
3808.

$\hat{A} = 90^\circ$   
 $A\Theta = \Theta E = \frac{B\Gamma}{4}$   
 $\hat{\Gamma} = 30^\circ$   
 $BK = \frac{B\Gamma}{4}$



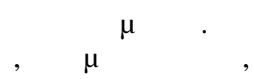
3811.

$A\Delta \parallel BE$   
 $AB = A\Delta + BE$   
 $AZ = A\Delta$      $BZ = BE$   
 $\hat{A}Z =$



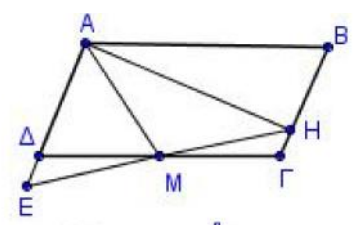
3813.

$AB = 2B\Gamma$



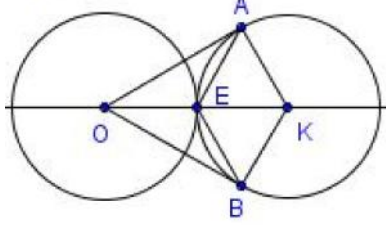
3815.

$AB = 2B\Gamma$   
 $\hat{E} = \hat{\Delta M A}$



3908.

$(O, )$      $(K, )$   
 $AE = BE$



- )  $\widehat{AOK} = 30^\circ$  μ 8
- ) μ 8

**3961.**

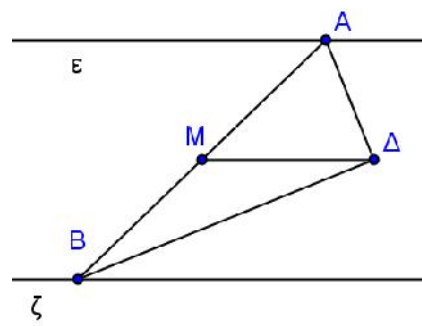
- )  $\widehat{B} = \widehat{BAM}$  μ 8
- )  $\widehat{A\Delta H} = \widehat{\Delta AH}$ . μ 9
- ) μ 8

**3994.**

- )  $AB = AG$  ,  $E\Lambda = AE$  μ 6
- )  $\Delta K = A\Delta$  . μ 9
- ) μ 10

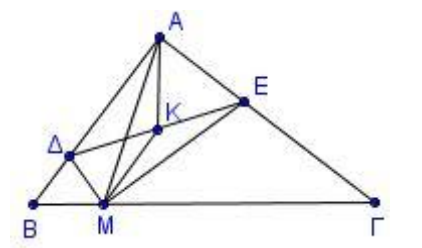
**4559.**

- )  $\widehat{B\Delta A} = 90^\circ$  μ 9
- )  $\widehat{B\widehat{M}\Delta} = 2\widehat{M\Delta A}$  μ 8
- )  $M\Delta \parallel$  μ 8



**4562.**

- )  $MK = KA$  . μ 12
- ) μ 13

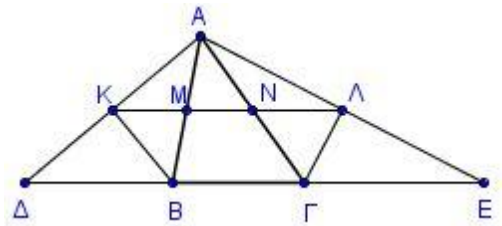


**4565.**

- )  $\widehat{N\widehat{K}M} = \widehat{N\widehat{M}K}$  μ 7
- ) μ 9
- )  $AM = KN + \Lambda P$  . μ 9

**4611.**

- )  $B\Delta = AB$  ,  $\Gamma E = A\Gamma$  . μ 8
- ) μ 8



)  $\mu 9$   
 )  $\text{ΚΛ} = \frac{\text{ΑΒ} + \text{ΑΓ} + \text{ΒΓ}}{2}$   $\mu 8$

4635.  $\mu$

$\hat{\text{B}} = 2\hat{\Gamma}$ .

$\mu$ ,  $\text{BE} = \text{B}\Delta$ .  $\mu$

)  $\mu 9$

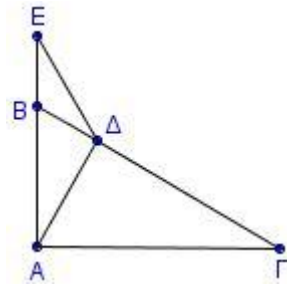
) :

i.  $\text{BE} = \frac{\text{ΑΒ}}{2}$

$\mu 8$

ii.  $\text{AE} = \text{Γ}\Delta$

$\mu 8$



4762.  $\mu$

$\mu$   $\mu$   $\mu$   $\mu$   $\mu$   $\mu$

$\text{A} \rightarrow \text{B} \rightarrow \text{Γ} \rightarrow \Delta \rightarrow \text{A}$

,  $\mu$   $\mu$   $\mu$   $\mu$   $\mu$   $\mu$

(...  $\mu$ )  
 (. . .  $\mu$ )

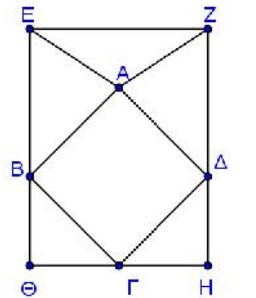
$45^\circ$ .

) :

i.

ii.

)



$\mu 9$

$\mu 8$

$\mu 8$

4786.  $\mu$   $\mu$   $\mu$   $\mu$   $\mu$   $\mu$

$\mu$   $\mu_1, \mu_2$   $\mu$   $\mu$   $\mu$   $\mu$

) :

i.

ii.

iii.  $\text{Λ}\Theta = \frac{\text{ΒΓ}}{4}$ ,

$\hat{\text{A}} = 90^\circ$ .  $\mu 5$

$\mu 7$

$\mu$   $\mu$

$\mu 6$

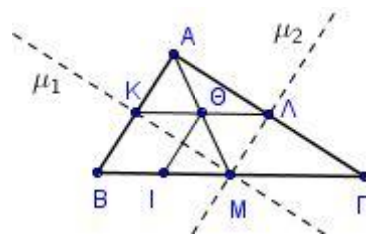
)  $\text{I}$   $\mu$   $\mu$   $\mu$   $\mu$   $\mu$

$\text{BI} = \frac{\text{ΒΓ}}{4}$ ,

$\text{Κ}\Theta\text{I}\text{B}$

$\mu\mu$ .

$\mu 7$



4791.  $\mu\mu$   $\mu$   $\mu$   $\mu$   $\mu$   $\mu$

$\Delta\text{E} = \text{Α}\Delta$ .

)

)

)

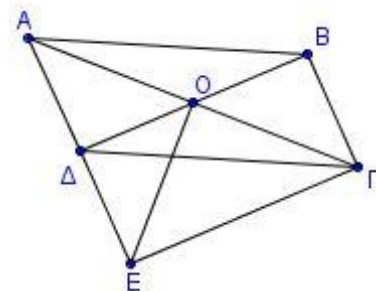
)

$\mu 7$

$\mu\mu$ .

$\mu 9$

$\mu 9$



4795.

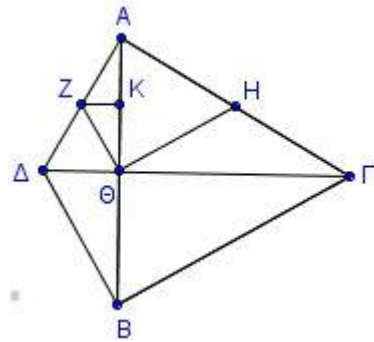
$\mu$ ,  $\mu \hat{A} = 120^\circ$ .

)

)

)

$$ZK = \frac{A\Delta}{4}$$



$\mu 8$

$\mu 9$

$\mu 8$

4797.

$\mu \mu \mu \Delta Z = \Delta M$ .

)

)

)

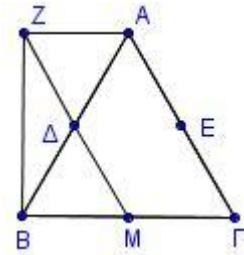
)

$\mu$ ,  $( )$

$\mu \mu$   $\mu 6$   $\mu 6$

$\mu$   $\mu 7$

$\mu 6$



4799.

$\mu AB = A\Gamma$ ,  $\mu A\Delta = AE$ .

$\mu \mu \mu$

$\mu \mu$ ,  $\mu \mu$

)

i.

ii.

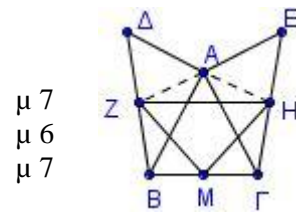
iii.

)

:

- 1.  $A\Delta = AE$
- 2.  $AB = A\Gamma$
- 3.  $\Delta \hat{A} B = E \hat{A} \Gamma$

».



$\mu 7$

$\mu 6$

$\mu 7$

$\mu \mu \mu$

$\mu$

$\mu 5$

4801.

$\mu \hat{A} = 120^\circ$ .

$\mu \mu$

$\mu$

$\mu$

)

)  $\Delta\Gamma = 2B\Delta$

)  $\Delta\Delta \parallel AK$

)  $AK = 2\Delta\Delta$

$\mu$

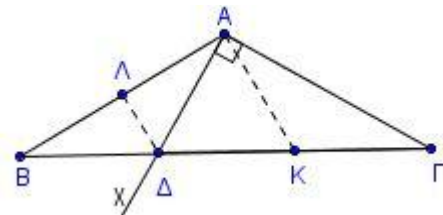
:

$\mu 8$

$\mu 8$

$\mu 5$

$\mu 4$



4802.

$\mu \hat{A} = 90^\circ$

$\hat{B} = 60^\circ$ .

$\mu$

$\mu \mu$

:

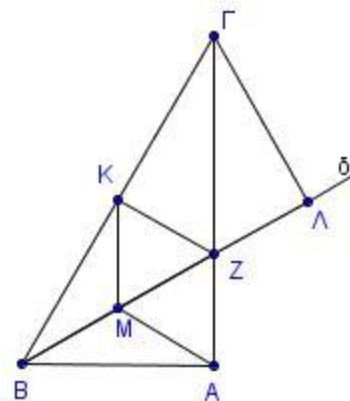
)

)

$\mu$ ,  $\mu$

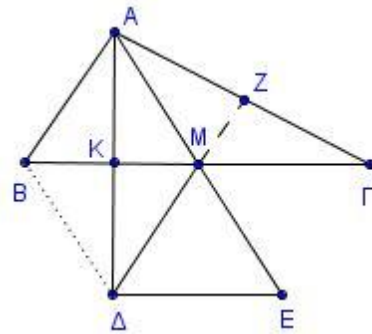
$\mu 6$

$\mu 6$

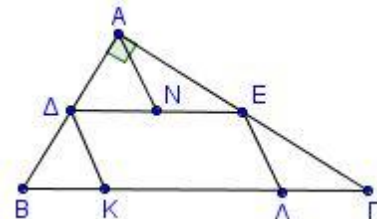


- )  $\Gamma Z = 2ZA$  μ 7
- )  $B\Lambda = A\Gamma$  μ 6

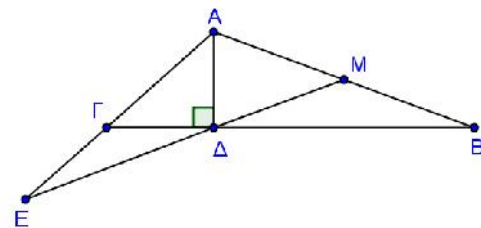
- 4803.**
- $AM = AB$ . μ
- $K\Delta = AK$ . μ μ
- $ME = AM$ . μ
- )  $\Delta E \perp A\Delta$   $\Delta E = 2KM$ . μ 7
  - )  $\Delta E = 2KM$ . μ μ
  - )  $\Delta E = 2KM$ . μ 6
  - )  $\Delta E = 2KM$ . μ 6
  - )  $\Delta E = 2KM$ . μ 6



- 4816.**
- $\hat{A} = 90^\circ$ . μ
- $\Delta K = KB$ . μ μ
- $E\Lambda = A\Gamma$ . μ
- )  $\Delta \hat{K} \Lambda = 2\hat{B}$   $E\hat{\Lambda} K = 2\hat{\Gamma}$  μ 10
  - )  $\Delta E = 2\Delta K$ . μ 8
  - )  $AN = \Delta K = \frac{B\Gamma}{4}$  μ 7



- 4818.**  $(AB > A\Gamma)$ ,
- $\Gamma\Delta = \Gamma E$ . μ
- )  $\hat{B} = \hat{E}$  μ 8
  - )  $\hat{\Gamma} = 2\hat{B} = A\hat{M}\Delta$  μ 10
  - )  $\Gamma E < A\Gamma$  μ 7

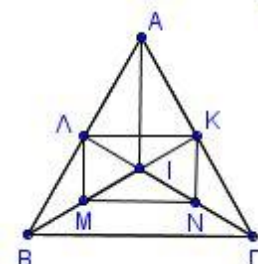


- 6876.**  $( = )$ . μ
- ) T μ 10
  - ) H μ 15

**4**

- 2809.**
- )  $\mu$
  - )  $\mu$
  - )  $\mu$

- μ 5
- μ 5
- μ 5

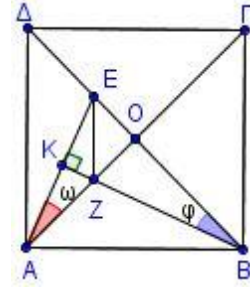


)

μμ . μ 10

3725.

μ μ μ μ μ μ μ μ . μ  
 ) BZ = AE ΓZ = BE . μ  
 ) μ μ . μ 6  
 μ 12  
 μ 7

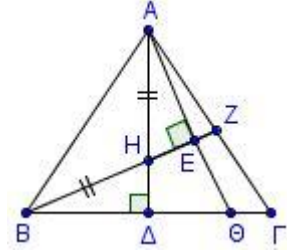


3732.

(AB = AΓ)

HA = HB .

μ μ μ μ μ μ μ μ . μ  
 ) : μ  
 i. μ μ μ μ μ μ μ μ . μ  
 ii. ΔΘ = ΘZ μ μ μ μ μ μ μ μ . μ  
 iii. μ μ μ μ μ μ μ μ . μ  
 ) μ μ μ μ μ μ μ μ . μ

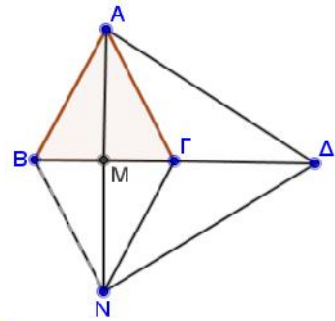


3745.

(AB = AΓ)

μ μ MN = AM . μ μ μ ΓΔ = BΓ .

μ μ μ μ μ μ μ μ . μ  
 ) μ μ μ μ μ μ μ μ . μ 8  
 ) μ μ μ μ μ μ μ μ . μ 8  
 ) μ μ μ μ μ μ μ μ . μ 9



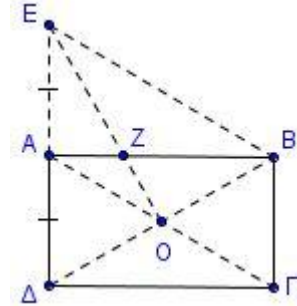
3757.

AΓ = 2BΓ .

ΔA = AE .

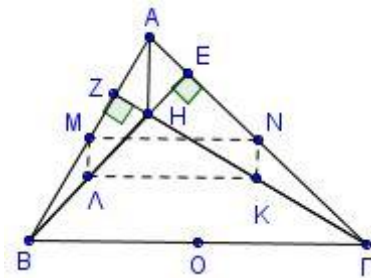
AB > BΓ ,

μ μ μ μ μ μ μ μ . μ μ μ μ μ μ μ μ . μ 8  
 ) : μ μ μ μ μ μ μ μ . μ 9  
 i. μ μ μ μ μ μ μ μ . μ 8  
 ii. μ μ μ μ μ μ μ μ . μ 9  
 ) μ μ μ μ μ μ μ μ . μ 8  
 ΔZ ⊥ EB . μ μ μ μ μ μ μ μ . μ 8



3796.

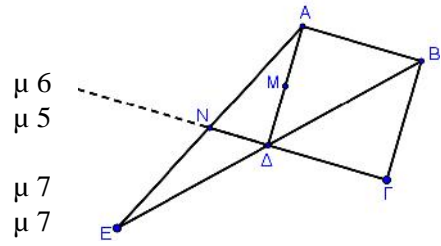
μ μ μ μ μ μ μ μ . μ μ μ μ μ μ μ μ . μ  
 ) : μ μ μ μ μ μ μ μ . μ 6  
 i. MN = ΛK μ μ μ μ μ μ μ μ . μ 6  
 ii. NK = MΛ = AH/2 μ μ μ μ μ μ μ μ . μ 6  
 iii. μ μ μ μ μ μ μ μ . μ 6  
 ) μ μ μ μ μ μ μ μ . μ 7  
 MÔK = 90° . μ μ μ μ μ μ μ μ . μ 7



3803.

( )  $\mu \mu \Delta E = \Delta B.$   $\mu$   $\mu$   
 )  $\mu \mu \Delta N = \Delta M$   $\mu$   
 ) ) :

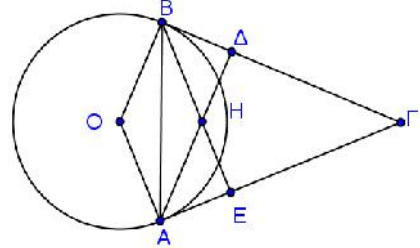
- i.  $MN \perp \Delta\Gamma$
- ii.  $\Gamma M \perp \Delta N$



$\mu 6$   
 $\mu 5$   
 $\mu 7$   
 $\mu 7$

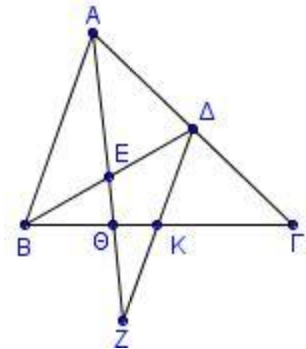
4606.

$\mu \mu$   $\mu \mu$   $\mu \mu$   $\mu \mu$   $\mu \mu$   $\mu \mu$   
 )  $\mu \mu$   $\mu \mu$   $\mu \mu$   $\mu \mu$   $\mu \mu$   $\mu \mu$   
 )  $\mu \mu$   $\mu \mu$   $\mu \mu$   $\mu \mu$   $\mu \mu$   $\mu \mu$  :  
 )  $\mu \mu$   $\mu \mu$   $\mu \mu$   $\mu \mu$   $\mu \mu$   $\mu \mu$   $\mu 8$   
 )  $\mu \mu$   $\mu \mu$   $\mu \mu$   $\mu \mu$   $\mu \mu$   $\mu \mu$   $\mu 9$   
 )  $\mu \mu$   $\mu \mu$   $\mu \mu$   $\mu \mu$   $\mu \mu$   $\mu \mu$   $\mu 8$



4619.

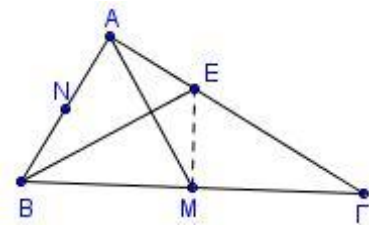
$EZ = AE$   $\mu \mu \mu \mu \mu \mu$   $\mu \mu$   $\mu \mu$   $\mu \mu$   $\mu \mu$   
 )  $\mu \mu$   $\mu \mu$   $\mu \mu$   $\mu \mu$   $\mu \mu$   $\mu \mu$   $\mu 8$   
 )  $\mu \mu$   $\mu \mu$   $\mu \mu$   $\mu \mu$   $\mu \mu$   $\mu \mu$   $\mu 8$   
 )  $\mu \mu$   $\mu \mu$   $\mu \mu$   $\mu \mu$   $\mu \mu$   $\mu \mu$   $\mu 9$



$\mu \mu$   $\mu 8$   
 $\mu \mu$   $\mu 8$   
 $\mu \mu$   $\mu 9$

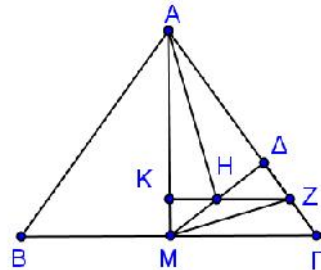
4646.

$\hat{\Gamma} = 30^\circ$   $\mu \mu \mu \mu \mu \mu$   $\mu \mu$   $\mu \mu$   $\mu \mu$   $\mu \mu$   
 )  $\mu \mu$   $\mu \mu$   $\mu \mu$   $\mu \mu$   $\mu \mu$   $\mu \mu$   $\mu 6$   
 i.  $\mu \mu$   $\mu \mu$   $\mu \mu$   $\mu \mu$   $\mu \mu$   $\mu \mu$   $\mu 6$   
 ii.  $AE = \frac{\Gamma E}{2}$   $\mu \mu$   $\mu \mu$   $\mu \mu$   $\mu \mu$   $\mu 6$   
 iii.  $\mu \mu$   $\mu \mu$   $\mu \mu$   $\mu \mu$   $\mu \mu$   $\mu \mu$   $\mu 7$   
 )  $\mu \mu$   $\mu \mu$   $\mu \mu$   $\mu \mu$   $\mu \mu$   $\mu \mu$   $\mu$   
 )  $\mu \mu$   $\mu \mu$   $\mu \mu$   $\mu \mu$   $\mu \mu$   $\mu \mu$   $\mu 6$



4731.

$AB = \Delta\Gamma$   $\mu \mu \mu \mu \mu \mu$   $\mu \mu$   $\mu \mu$   $\mu \mu$   $\mu \mu$   
 )  $\mu \mu$   $\mu \mu$   $\mu \mu$   $\mu \mu$   $\mu \mu$   $\mu \mu$   $\mu 9$   
 )  $\mu \mu$   $\mu \mu$   $\mu \mu$   $\mu \mu$   $\mu \mu$   $\mu \mu$   $\mu 8$   
 )  $\mu \mu$   $\mu \mu$   $\mu \mu$   $\mu \mu$   $\mu \mu$   $\mu \mu$   $\mu 8$

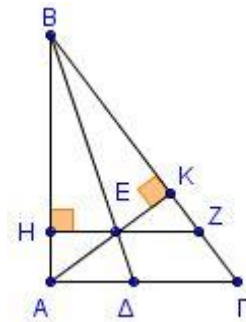


4794.

( $\angle A = 90^\circ$ )

$\mu$

$\mu$  ,  $\mu$  .  
 ) :  
 i)  $\mu 6$   
 ii) To  $\mu 6$   
 iii)  $\mu 7$   
 ) ,  
 $\mu \hat{\Gamma}$  .  $\mu 6$

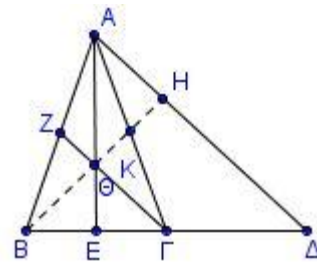


4812.

$\mu AB = A\Gamma$  .

$\mu \mu \Gamma\Delta = B\Gamma$  .

$\mu$   $\mu$   $\mu$  ( )  $\mu$  ,  $\mu$   
 $\mu$  .  $\mu$  :  
 )  $\mu\mu$  .  $\mu 9$   
 )  $AH = \Theta\Gamma$   $\mu 9$   
 )  $AH = 2Z\Theta$   $\mu 7$



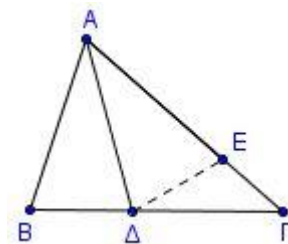
5898.

$\mu AB < A\Gamma$

$\mu$

$AE = AB$  .

) :  $\mu 7$   
 )  $\mu$   $\mu 9$   
 )  $\mu$   
 $\mu 9$



13527

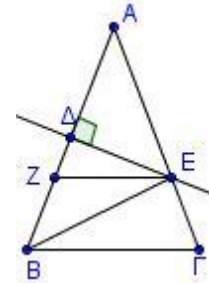
$\mu$  ,  $\mu$   $\mu$

:  $\mu =$  ,  $\mu \mu \mu$  .  $\mu 10$   
 ) ,  $\mu 10$   
 ) ,  $\mu 5$



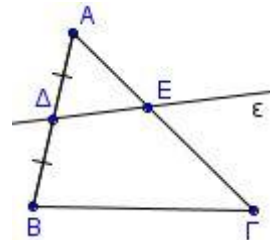
2817.  $\mu$   $AB < A\Gamma$  ,  $\mu$   $AE = AB$ .

- )  $\mu$   $\Delta$   $\mu$  7
- )  $\mu$   $\mu$  9
- )  $\mu$   $\mu$  9



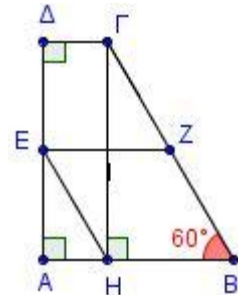
2831.  $\mu$   $\mu$   $(\Delta)$   $\mu$   $(\Gamma)$

- )  $\mu$   $\mu$  ;  $\mu$  12
- )  $\mu$   $(\Delta)$  ;  $\mu$  13



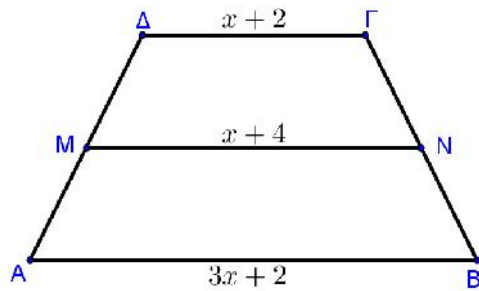
2850.  $\mu$   $\hat{A} = \hat{\Delta} = 90^\circ$  ,  $AB > \Gamma\Delta$  ,  $B\Gamma = 4\Gamma\Delta$   
 $\hat{B} = 60^\circ$  .  $\mu$   $\Gamma H \perp AB$   $\mu$   $\mu$

- )  $AB = 3\Gamma\Delta$   $\mu$  12
- )  $\mu\mu$   $\mu$  13



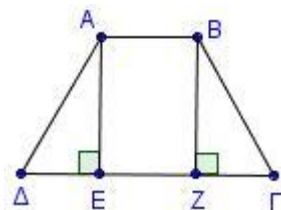
2851.  $AB \parallel \Gamma\Delta$  ,  $AB > \Gamma\Delta$   $A\Delta = B\Gamma$  .  $\mu$

- )  $\mu$   $= 3x + 2$  ,  $\mu$   $= x + 2$   $\mu$   $= x + 4$  ,  $\mu$   $x = 2$  .  $\mu$  12
- )  $\mu$   $\mu$   $\mu$  13



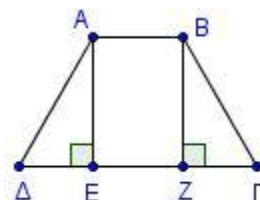
3414.  $\mu$   $(AB \parallel \Gamma\Delta)$   $\mu$   
 $\hat{\Gamma} = \hat{\Delta} = 60^\circ$  ,  $A\Delta = 12$   $\Gamma\Delta = 20$  .  $\mu$

- )  $\Delta E = \Gamma Z$   $AB = EZ$  .  $\mu$  12
- )  $\mu$   $\mu$  13



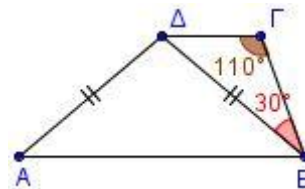
3415.  $\mu$  (AB || ΓΔ) .

- )  $\Delta E = \Gamma Z$   $\mu 12$
- )  $AZ = BE$   $\mu 13$



4973. (AB || ΓΔ)

$\Delta \hat{B}\Gamma = 30^\circ$ ,  $\hat{\Gamma} = 110^\circ$ ,  $A\hat{A}B$   $\mu 25$

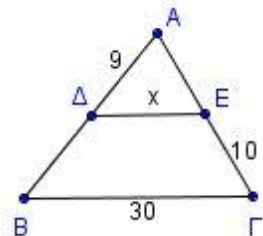


5007.  $\mu$  AB || ΓΔ  $AB < \Gamma\Delta$ .  $\mu$   $\mu$   
 $AE = EZ = ZB$   $\mu$   $\mu$

- )  $\Delta Z = \Gamma E$   $\mu 13$
- )  $\mu 12$

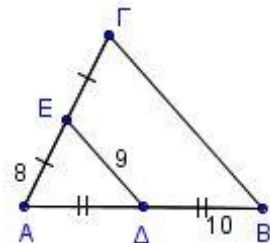
5113.  $\mu$   $\mu$   
 $\mu$  ,  $A\Delta = 9$ ,  $E\Gamma = 10$   $\mu$   $B\Gamma = 30$ .

- )  $\mu 9$
- )  $\mu 8$
- )  $\mu$   $\mu$   $\mu$   $\mu 8$



5114.  $\mu$   $\mu$   
 $B\Delta = 10$ .  $\mu$  ,  $A E = 8$ ,  $E\Delta = 9$

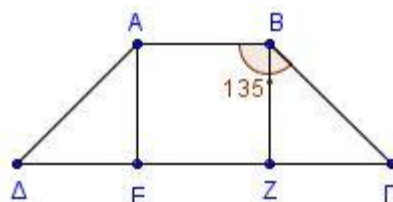
- )  $\mu 8$
- )  $\mu 8$
- )  $\mu$   $\mu$   $\mu 9$



5167.  $\mu$  (AB || ΓΔ)  $\mu$

$\Gamma\Delta > AB$   $\hat{B} = 135^\circ$ .

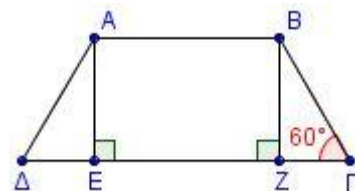
- )  $\mu 10$
- )  $AE = E\Delta = BZ = Z\Gamma$   $\mu 15$



5565. (AB || ΓΔ)  $\mu$

$AB = 6$ ,  $B\Gamma = 4$   $\hat{\Gamma} = 60^\circ$ .

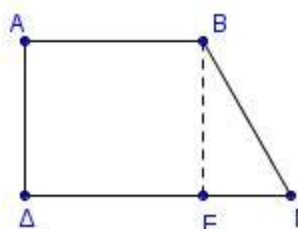
- )  $\mu 6$
- )  $\mu 10$
- )  $\mu$   $\mu$   $\mu 9$



5566. (AB || ΓΔ)  $\mu$   $AB = B\Gamma = 4$ ,

$\hat{A} = 90^\circ$   $\hat{\Gamma} = 60^\circ$ .

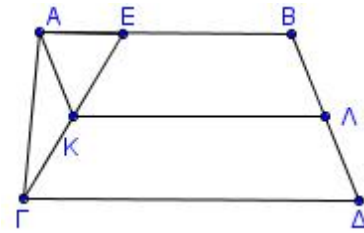
- )  $\mu 8$



)  $2EG = BG$ . μ 9  
 ) , μ , μ μ μ . μ 8

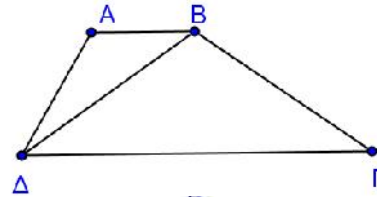
**5577.**  $(AB \parallel \Gamma\Delta)$  μ  $AB = 3, \Gamma\Delta = 4.$   
 $AE = 1.$

μ μ μ , μ  
 ) μ 13  
 ) μ 12



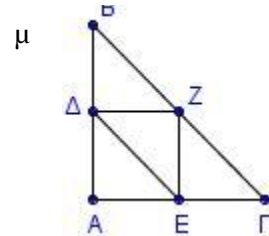
**5585.** μ  $AB \parallel \Gamma\Delta$   
 $B\Delta = B\Gamma.$   $\widehat{B}\Gamma = 110^\circ$   $\widehat{A}\Delta B = 25^\circ,$

μ 11  
 ) μ 14



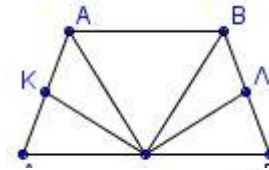
**5612.**  $(\widehat{A} = 90^\circ)$  μ

μ , : μ 12  
 ) μ 13



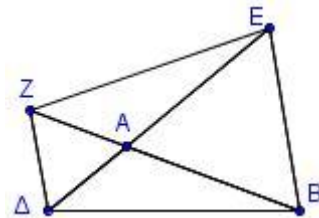
**5617.** μ μ μ μ

)  $KM = \Lambda M$  μ 12  
 )  $AM = BM$  μ 13



**5644.** μ  $\widehat{A} = 120^\circ.$

μ : μ 12  
 ) μ 13



**6583.** μ  $AN = K\Gamma.$

) : μ 8  
 i. μ 8  
 ii. μ μ . μ 9  
 ) μ

**6585.** μ  $AB \parallel \Gamma\Delta, AB = 8 \quad \Delta\Gamma = 12.$

)  $\Delta H = \Theta\Gamma.$  μ 12  
 ) μ μ 13

6590.

$$AB = A\Delta = \frac{\Gamma\Delta}{2},$$

$$\hat{\Delta} = 60^\circ$$

)  
)

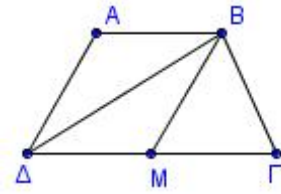
$\mu$        $\mu$

$\mu$   
 $\mu$

$\mu$

$\mu 9$

$\mu 16$



4

2794.

$$(AB \parallel \Gamma\Delta)$$

$$\Gamma\Delta = 2AB.$$

, ,  
)

)

)

$\mu$  ,  $\mu$  ,  
 $\mu\mu$  .  $\mu$  ,  $\mu$

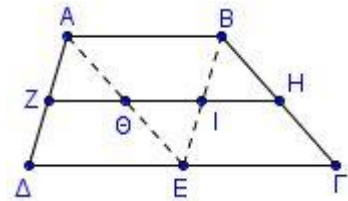
$$ZH = \frac{3}{2}AB.$$

$\mu$

$\mu 10$

$\mu 5$

$\mu 10$



2802.

)  
i.

$\mu$

- 1)  $A\Delta < B\Gamma$   
2)  $A\Delta = B\Gamma$ .

ii.

)

(

( )  $\mu$   $\mu$  , ( )  $\mu$  ,  $\mu$  ,  $\mu$

( )  $\mu$   $\mu$  ( )  $\mu\mu$  ,

$\mu$  ,  $\mu$  :

$\mu 4$   
 $\mu 4$

$\mu \mu$   $\mu \mu \mu$  ,  $\mu$   $\mu 6$

( )  $\mu \mu \mu$  ,  $\mu$  ) ,  $\mu$  .

$\mu\mu$  ,  $\mu$  )  $\mu 9+2$

2808.

)

i.

ii.

)

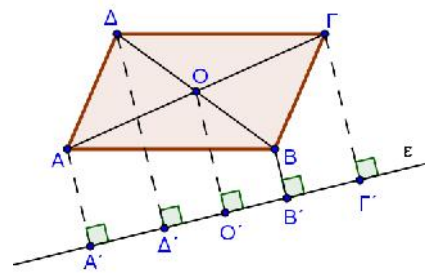
$\mu$   $\mu\mu$  , , , ,  $\mu$  .

$$AA' = 3, BB' = 2, \Gamma\Gamma' = 5, :$$

$\mu\mu$   $\mu$   
 $\mu 4$  .  $\mu\mu$

$\mu 8$   
 $\mu 9$

$\mu\mu$  , , , ;  
 $\mu 8$



3693.

$$\mu \Delta E \perp B\Gamma$$

$\mu$   $\mu$   $\mu$

$$(\hat{A} = 90^\circ)$$

$\mu$  .  $\mu$

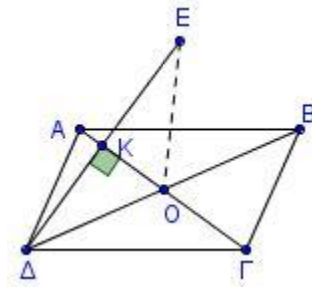




- )  $MN = \frac{1}{4} \Delta\Gamma$  μ 7
- )  $AE \perp BA$  μ 6

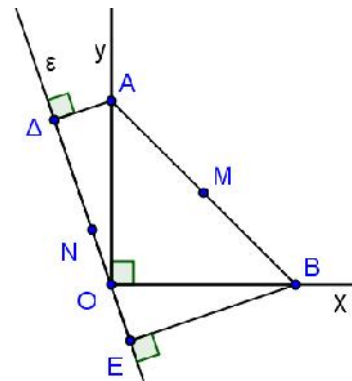
3775.

- )  $KE = \Delta K$  . μ 8
- )  $EO = \frac{BA}{2}$  μ 8
- )  $\hat{\Delta EB} = 90^\circ$  μ 9



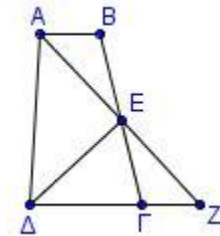
3798.

- )  $\hat{xOy} = 90^\circ$  , μ 7
- )  $OA = OB$  . μ 7
- )  $A\Delta + BE = \Delta E$  μ 4
- )  $MN = \frac{\Delta E}{2}$  , μ 7



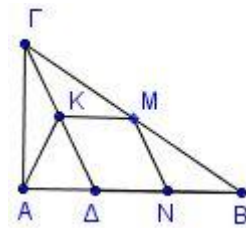
3810.

- )  $AB \parallel \Gamma\Delta$  μ 7
- )  $AB + \Gamma\Delta = A\Delta$  . μ 10



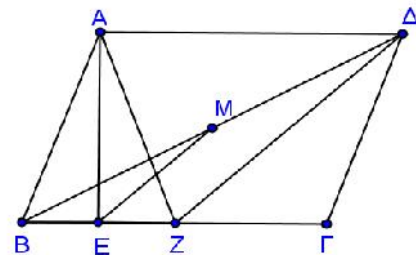
3820.

- )  $\hat{A} = 90^\circ$  , μ 8
- )  $\hat{A} = 90^\circ$  , μ 9
- )  $\hat{A} = 90^\circ$  , μ 8



3822.

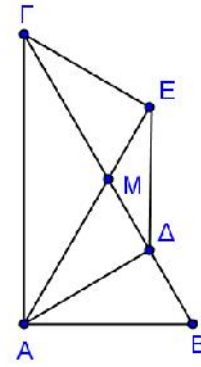
- )  $70^\circ$  μ 8
- )  $BE = EZ$  . μ 9
- )  $EM = \frac{A\Gamma}{2}$  . μ 8



3824.

- )
- )  $ME = M\Delta = \frac{B\Gamma}{4}$
- )

$\hat{A} = 90^\circ \quad \hat{\Gamma} = 30^\circ$



μ 8  
μ 9  
μ 8

3911.

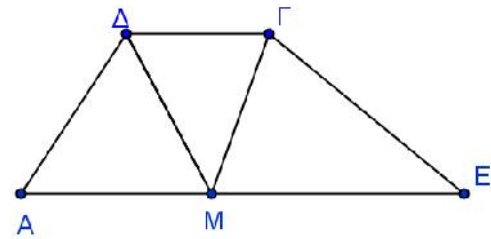
- )
- )
- )

μ , , , μ  
μ . μ 13  
μ , , ,  
μ . μ 12

4569.

- )  $AB = A\Delta + B\Gamma$
- )
- )
- )

$AB \parallel \Gamma\Delta$

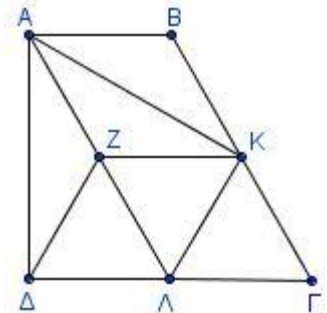


μ 8  
μ 9  
μ 8

4599.

- )  $B\Gamma = \Gamma\Delta = 2AB$
- )  $B\Gamma = 2\Delta Z$
- )  $\hat{A}\hat{K}\hat{\Lambda} = 90^\circ$

$(\hat{A} = \hat{\Delta} = 90^\circ)$

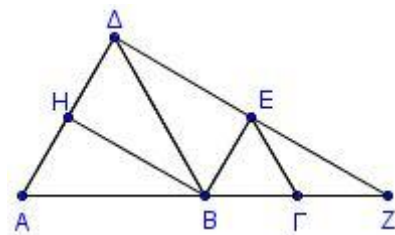


μ 8  
μ 9  
μ 8

4626.

- )  $AB = 2B\Gamma$
- )
- )
- )

$AB = 2B\Gamma$

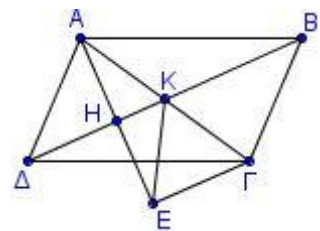


μ 8  
μ 8  
μ 9

4630.

- )  $AH = HE$
- )
- )
- )

$AH = HE$



μ 7  
μ 9  
μ 9

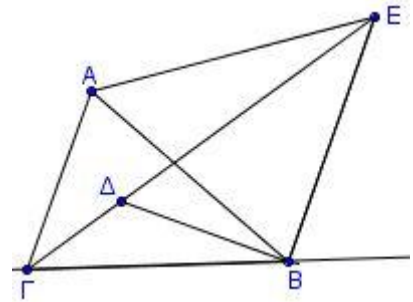




) . μ 8

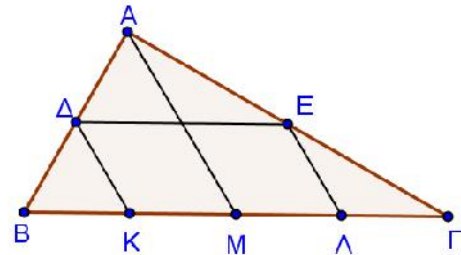
4765.

μ . μ  
 μ μ  
 $\widehat{ABE} = 70^\circ = 2\widehat{\Gamma EB}$ .  
 ) μ 8  
 ) μ 9  
 ) μ 8



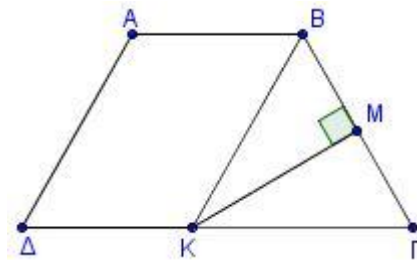
4767.

μ μ μ  
 $\widehat{A} = 90^\circ$ .  
 $BK = KM = M\Lambda = \Lambda\Gamma$ .  
 μ μ  
 ) μ μ  
 ) μ μ  
 ) μ μ  
 $\frac{3}{8}B\Gamma$ .  
 μ 13  
 μ 12



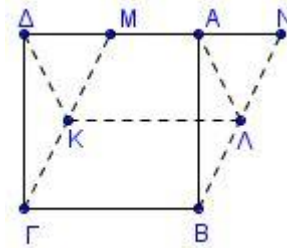
4769.

μ μ μ  
 $\widehat{B} = 2\widehat{\Gamma}$   $AB = B\Gamma = A\Lambda = \frac{\Gamma\Delta}{2}$ .  
 μ μ  
 ) μ 10  
 ) μ 8  
 i. μ μ μ  
 ii. μ μ μ μ 7



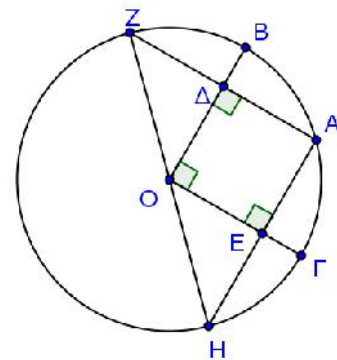
4771.

μ μ μ μ ( μ )  
 $AN = \frac{A\Delta}{2}$ . μ μ μ  
 μ μ  
 ) μ μ μ 8  
 ) μ μ μ 9  
 ) μ μ μ 8



4774.

μ μ μ μ  
 μ μ μ μ  
 μ μ μ μ  
 )  $AZ = AH$  μ 4  
 ) μ 7  
 ) μ μ 7  
 ) μ μ 7

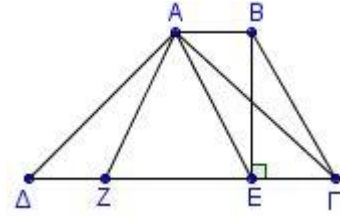


4778.  $\mu\mu$   $\mu > < 90^\circ$   $\mu\mu$   
 $( \quad ) = \cdot$   
 $= ,$   
 $)$   
 $)$   
 $)$   $\mu\mu$  .

$\mu 8$   
 $\mu 8$   
 $\mu 9$

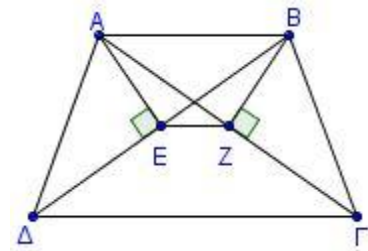
4788.  $\mu AB \parallel \Gamma\Delta, \Delta\Gamma = 4AB$   
 $B\Gamma = 2AB.$   $\mu\mu$   $60^\circ$  ,  $\Delta Z = AB.$

$)$   $\mu\mu$  .  $\mu 8$   
 $)$   $\mu 8$   
 $)$   $\mu 9$

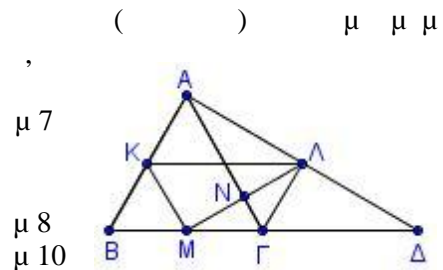


4790.  $\mu AB \parallel \Gamma\Delta$   
 $A\Delta = B\Gamma = AB.$   $\mu\mu\mu$

$)$   $\mu$   $\mu$   
 $) AE = BZ.$   $\mu 5$   
 $)$   $\mu 7$   
 $)$   $\mu 7$   
 $)$   $\mu 5$

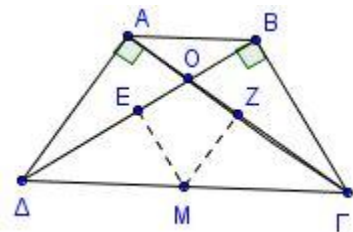


4792.  $\Gamma\Delta = B\Gamma.$  ,  $\mu$  ,  $\mu$   
 $)$   $\mu 7$   
 $)$  :  $\mu 8$   
*i.*  $\mu\mu$   $\mu$   
*ii.*  $\mu$  .  $\mu 10$

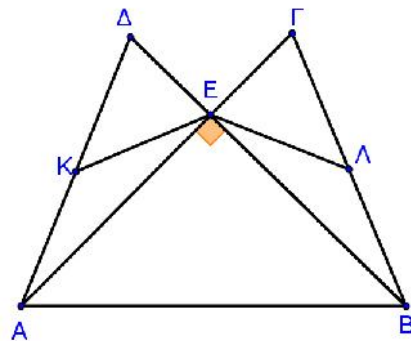


4796.  $(AB \parallel \Gamma\Delta)$   $\mu\mu$

$\mu\mu$  ,  $\mu$  ,  $\mu$   
 $) ME = MZ.$   $\mu 6$   
 $)$   $\mu 6$   
 $)$   $\mu 7$   
 $)$   $\mu$   $\mu 6$



4808.  $( = )$   $( = B )$  ,  $\mu$   $\mu$  ,  $\mu$   
 $\mu$   $\mu\mu$   $\mu$  .  $\mu$   
 $) =$  .  $\mu 7$   
 $) //$  .  $\mu 8$



) // . μ 10

4832. (AB = AG) μ . μ μ μ

) :

i.  $\triangle ABK = \triangle AGK$  μ 6

ii. μ 6

iii. μ 7

) i. μ :

« μ μ μ μ μ

$\triangle ABK$   $\triangle AGK$

1. BK = KΓ

2.  $\widehat{BAK} = \widehat{GAK}$  μ

3.  $\widehat{ABK} = \widehat{AGK}$  .

».

μ - μ μ 6

5886. μ AB < AG . , μ

) μ 8

) μ 8

) μ 9

5902. μ AB < AG .

μ μ ,

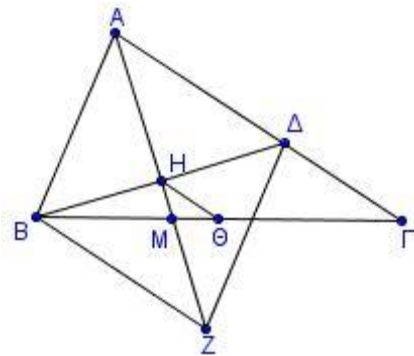
μ μ ;

AH = HZ μ μ :

) μ μ μ 9

) μ μ 9

$\frac{AB + AG}{2}$  μ 7



5911. μ AB > BG , μ

60° . μ

i. μ μ μ 8

ii.  $AM = \frac{1}{4}AG$  μ 7

) μ μ μ 10

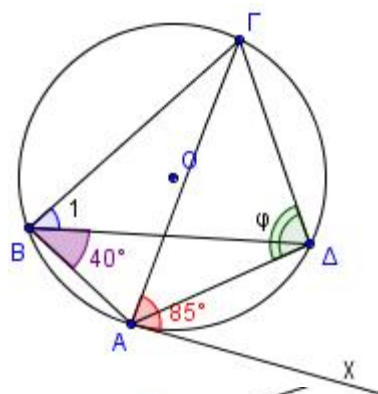
2

2819. ( , )  
 $\Delta \hat{B}A = 40^\circ$ .

)  $\hat{B}_1 = 45^\circ$ .  
 )

$\Gamma \hat{A} x = 85^\circ$

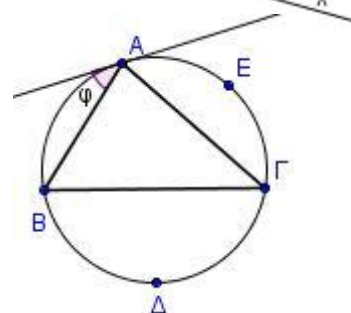
$\mu 10$   
 $\mu 15$



3413.

)  $\mu$ ,  $\mu$   
 )  $\mu$   
 )  $\mu$   $\Delta \hat{E}\Gamma$ .

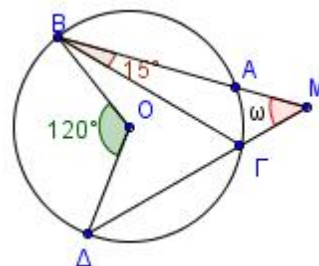
$= 30^\circ \mu$   
 $160^\circ$ ,  $\mu 18$   
 $\mu 7$



5009.

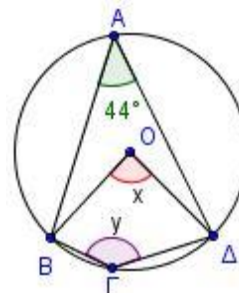
)  $\mu 15^\circ$ .  
 )  $45^\circ$ .

$120^\circ$   
 $\mu 12$   
 $\mu 13$



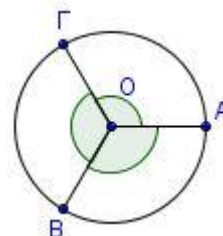
5012.

)  $\mu$   $\mu$   $44^\circ$ .  $\mu$   $\mu$   
 )  $x$ .  $\mu 12$   
 )  $y$   $136^\circ$ .  $\mu 13$



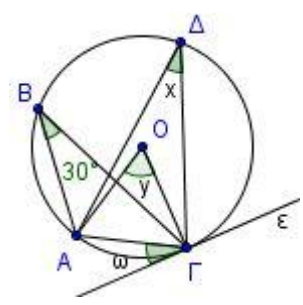
5037.

)  $\mu$   
 )  $\mu$   $\mu 10$   
 )  $\mu$   $\mu 8$   
 )  $\mu$   $\mu$   $\mu$   $\mu$  ;  
 $\mu 7$

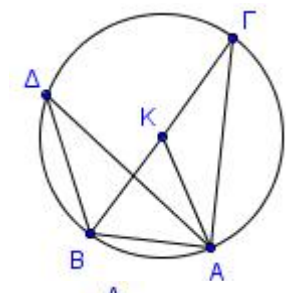




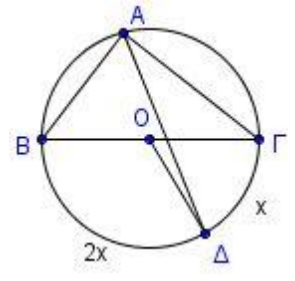
6587.  $\mu$  ( , )  
 $\mu$  ,  $y$   
 $\mu 15$   
 $\mu 10$



6588.  $\mu$   $\mu$   
 $\mu$  ,  $BA = K\Gamma$   
 $\mu 7$   
 $\mu 9$   
 $\mu 9$

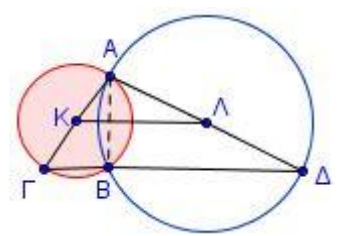


6886.  $\mu$   $\mu$   
 $\mu$   $x$  ,  $\mu 8$   
 $\mu 9$   
 $\mu 8$

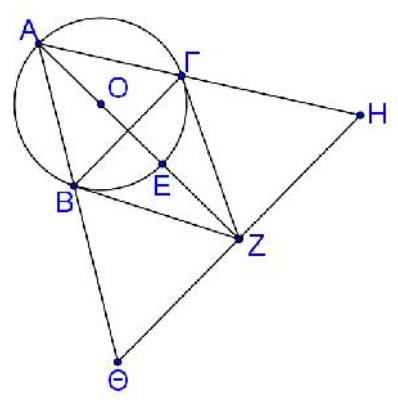


4

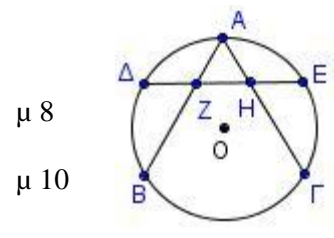
2806. ( , ), ( , R)  $\mu$   $\mu$   
 $\mu$   $\mu$   
 $\mu$  :  
 $\mu 5$   
 $\mu 10$   
 $\mu 10$



2810.  $\mu\mu$   $\mu$   $\mu$   
 $\mu$   $\mu$   $\mu$   $\mu$   
 $\mu$   $\mu$  :  
 $\mu 7$   
 $\mu 8$   
 $\mu B\Theta = BZ$   $\Theta H = 2B\Gamma$   $\mu 10$



3714.  $\mu$   $120^\circ$   $\mu$   
 $\mu 8$   
 $\mu 10$



)  $\mu$   $\mu 7$

**3759.**  $(, R) \mu \mu \mu$

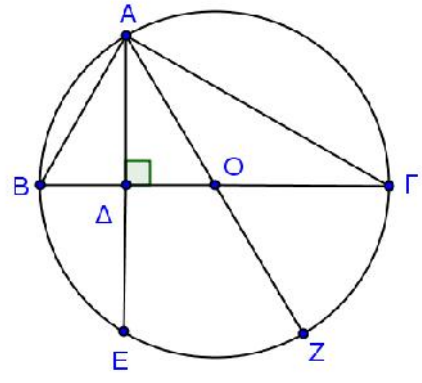
$\mu \mu \mu \mu \mu$

)  $\mu$   $\mu$   $\mu$

i.  $Z\Gamma = AB = BE$   $\mu 8$

ii.  $\mu 7$

)  $\hat{\Gamma} = 30^\circ$ ,  $\mu 5R$ ,  $\mu R$   $\mu 10$



**3767.**  $(, ) \mu$

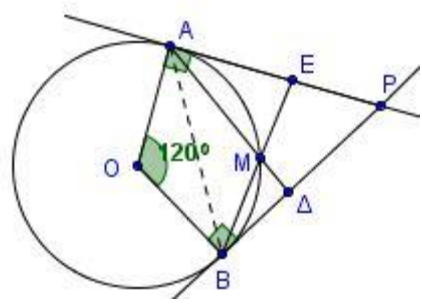
$\mu 120^\circ$   $\mu$   $\mu \mu$

$\mu \mu \mu$   $\mu$   $\mu$

)  $\mu$   $\mu 8$

)  $M\hat{A}B + M\hat{B}A = 60^\circ$ .  $\mu 8$

)  $\mu 9$



**3781.**  $(, ) \mu$

$( ) \mu$

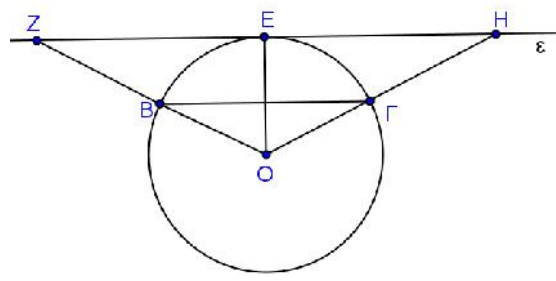
$\mu$   $\mu$

)  $B\Gamma \parallel ZH$   $\mu 5$

)  $OZ = OH$   $\mu 5$

i.  $B\hat{E}Z = \frac{Z\hat{O}H}{4}$   $\mu 8$

ii.  $\mu 7$



**4756.**  $(, ) \mu \mu \mu$

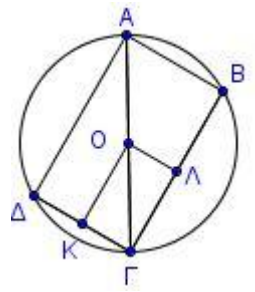
$A\Delta = B\Gamma$   $\mu$   $\mu$

)  $\mu 6$

)  $\mu 6$

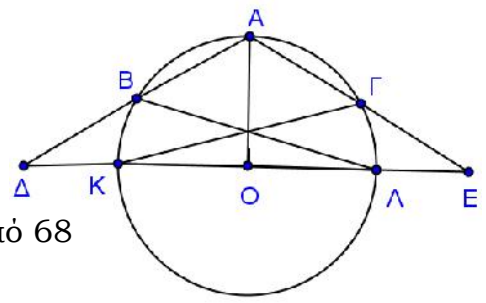
)  $\mu 7$

)  $\mu 6$



**4804.**  $\mu \mu$   $\mu$

$K\Lambda = 2$   $\mu$



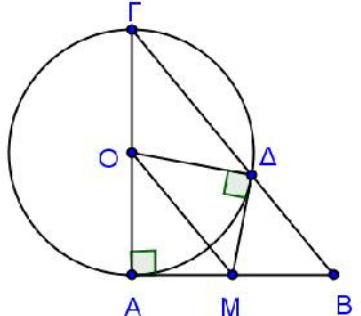


$AB = A\Gamma = \dots$

- $\mu \mu$  :  $\mu 7$
- )  $\widehat{B\hat{A}\Gamma} = 120^\circ$   $\mu 9$
- )  $\mu \mu$   $\mu 9$
- )  $K\Gamma = \Delta B$   $\mu 9$

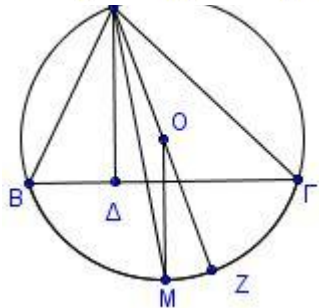
**4822.**  $(\widehat{A} = 90^\circ)$ .

- $\mu \mu \mu$   $\mu 9$
- $\mu \mu \mu$   $\mu 9$
- )  $\Gamma\hat{A}\Delta = \hat{B}$   $\mu 7$
- )  $\mu$   $\mu 9$



**5910.**  $\mu AB < A\Gamma,$   $\mu\mu$

- $\mu$   $\mu 8$
- )  $O\hat{A}\Gamma = \Delta\hat{A}B$   $\mu 8$
- )  $\Delta\hat{A}O = \hat{B} - \hat{\Gamma}$   $\mu 9$

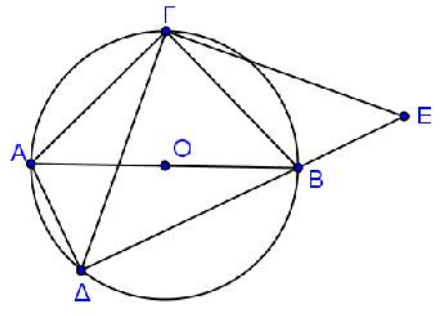


**6879.**  $\mu\mu$   $(O,R).$   $\mu$

- )  $\Delta B \perp B\Gamma,$   $\mu 8$
- )  $A\Delta \perp A\Gamma$   $\mu 9$
- )  $\mu$   $, OM = \frac{AH}{2}$   $\mu 8$

**4**

- 2796.**  $\mu$   $\mu$   $\mu$   $\mu$
- $(\dots)$   $\mu \mu$   $BE = A\Delta.$   $\mu 8$
- i.  $\mu 8$
- ii.  $\mu 8$
- )  $\mu$   $\mu$   $\mu$   $\mu 9$



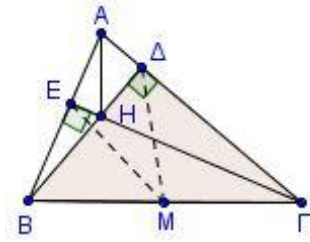
2804.

i.  $M\Delta = ME$

ii.

$\hat{\Gamma}$

$\Delta\hat{H}\Delta = \hat{\Gamma}$ ,



3731.

(, )

$\mu$

$\mu$

)

)

$B\Delta \parallel M\Gamma$ .

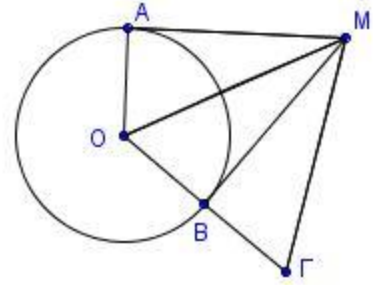
$\mu\mu$

$\mu 7$

$\mu\mu$

$\mu 9$

$\mu 9$



3771.

$EZ \perp AB$ .

)  $\Delta\hat{A}\Gamma = \Delta\hat{B}\Gamma$

)

)

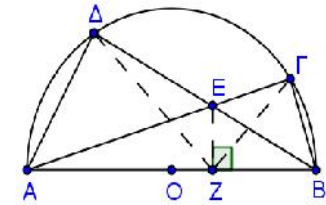
$\mu$

$\Delta\hat{Z}\Gamma$ .

$\mu 7$

$\mu 9$

$\mu 9$



3787.

$\mu$

$\mu$

$\mu$

:

)

)

)

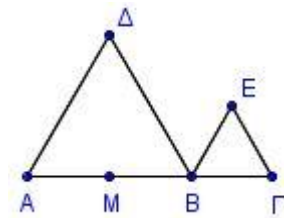
$AB = 2B\Gamma$ .

( $A\Delta \parallel BE$ )

$\mu 9$

$\mu 8$

$\mu 8$



3793.

$\mu$

$\mu$

:

)

)

)

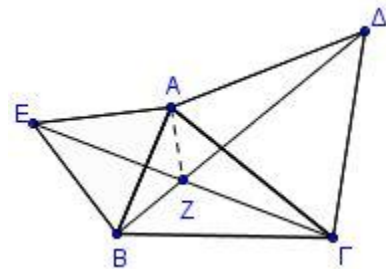
)  $B\hat{Z}\Gamma = 120^\circ$ .

$\mu 10$

$\mu 10$

$\mu 10$

$\mu 5$



3800.

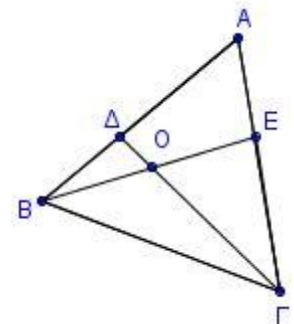
$\mu$

$\mu$

:

)

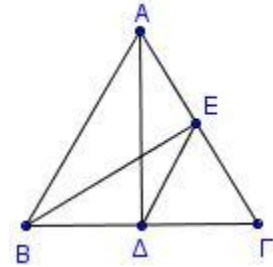
$A\Delta = AE$ .



- i.  $\widehat{B\hat{E}\Gamma} = \widehat{\Gamma\hat{\Delta}A}$ . μ 10
- ii.  $\widehat{B\hat{O}\Gamma} = 120^\circ$ . μ 10
- ) μ .
- .) μ 5

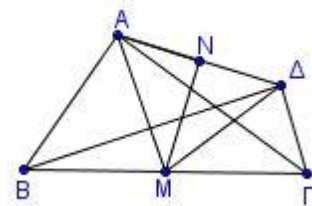
3919.

- μ  $AB = A\Gamma$  , μ 6
- )  $B\Gamma = 2E\Delta$ . μ 7
- )  $\widehat{B\hat{E}\Delta} = \frac{\widehat{A}}{2}$ . μ 6
- )  $\widehat{A\hat{B}E} = \widehat{A\hat{\Delta}E}$ . μ 6



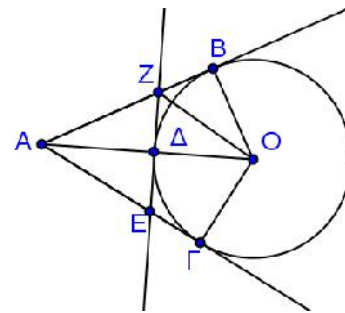
3966.

- $\widehat{A} = \widehat{\Delta} = 90^\circ$  , μ
- )  $AM = M\Delta$  μ 10
- )  $\widehat{\Gamma\hat{B}\Delta} = \widehat{\Gamma\hat{A}\Delta}$ . μ 10
- .) μ 5



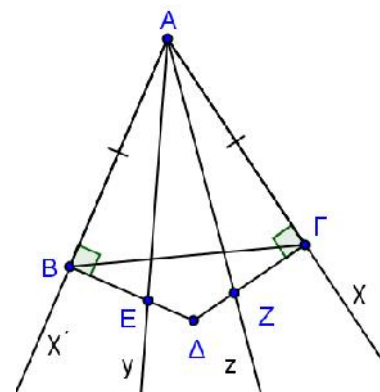
4753.

- μ  $\widehat{B\hat{A}\Gamma} = 60^\circ$ . μ
- μ  $OA = 2OB$ . μ 6
- )  $2ZB = AZ$ . μ 6
- ) μ 7
- ) μ 6



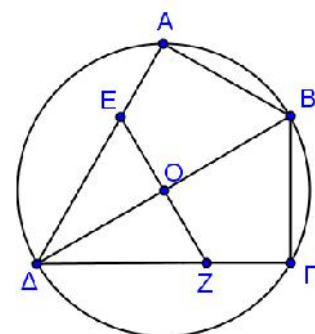
4757.

- $AB = A\Gamma$ . μ μ
- μ  $\widehat{B\hat{A}\Gamma} = 60^\circ$ . μ
- μ  $2ZB = AZ$ . μ 8
- ) μ 8
- ) μ 9



4793.

- ( , ) μμ
- μ μ



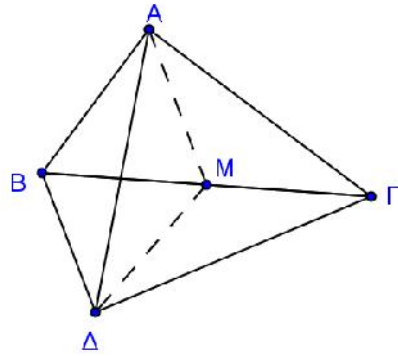
- ) , μ
- ) μ 6
- ) μ 6
- ) μ 7
- ) μ μ 6

5895.

$$(\hat{A} = 90^\circ)$$

$$(\hat{\Delta} = 90^\circ) ( )$$

- ) μ
- ) μ 9
- )  $A\hat{M}\Delta = 2A\hat{\Gamma}\Delta$  μ 9
- )  $\Gamma\hat{B}\Delta = \Gamma\hat{A}\Delta$  μ 7



6878.

$$(\hat{A} = 90^\circ) \mu$$

$$\hat{B} = 30^\circ \mu$$

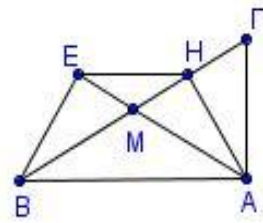
$$\mu \mu \mu$$

$$) BE = \frac{AB}{2} \mu 7$$

$$) AH = BE \mu 7$$

)

$$) EH \parallel AB. \mu 5$$



Η παραπάνω εργασία έγινε από τους:

- ✓ Μιχαήλογλου Στέλιο
- ✓ Πατσιμά Δημήτρη