

3703.

$\widehat{VNR} = \widehat{XSV}$
 $\widehat{RSN} = \widehat{SXV}$
 $\widehat{XSV} = \widehat{SXV}$

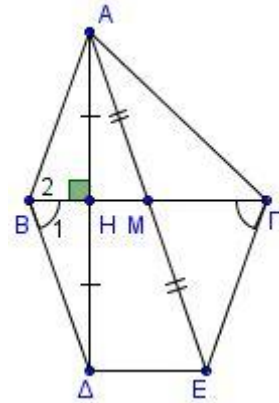
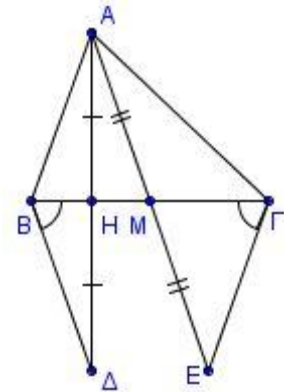
$AB = BD$ (1).
 $AM = ME$
 $BM = MG$
 $\widehat{AMB} = \widehat{GME}$

- 1) $AM = ME$
- 2) $BM = MG$ ()
- 3) $\widehat{AMB} = \widehat{GME}$

$AB = GE$ (2).
 $AB = BD = GE$.

$\widehat{B}_1 = \widehat{B}_2$.
 $\widehat{B}_2 = \widehat{BGE}$.
 $\widehat{B}_1 = \widehat{BGE}$.

$HM \parallel \Delta E$, $BG \parallel \Delta E$ (3).
 $\widehat{B}_2 = \widehat{BGE}$
 $B\Delta = GE$ (5), (3), (4), (5)

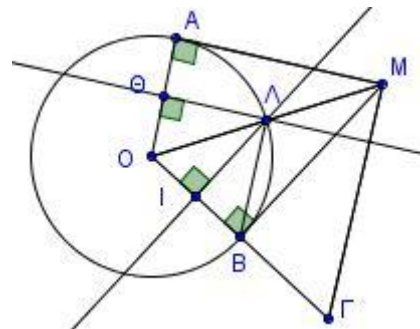
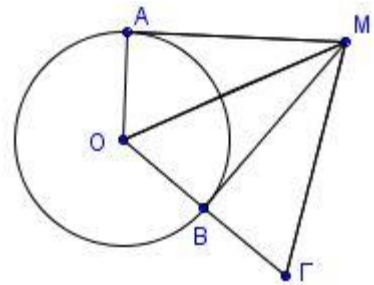


3731.

$\widehat{A} + \widehat{B} = 90^\circ + 90^\circ = 180^\circ$

$OA \perp AM$, $OB \perp BM$.
 $\widehat{A} + \widehat{B} = 90^\circ + 90^\circ = 180^\circ$

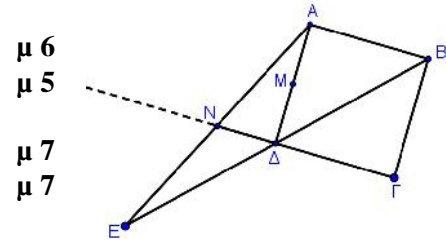
$\widehat{A} + \widehat{B} = 90^\circ + 90^\circ = 180^\circ$



3803.

UV N US.

- i. $\hat{\Delta} \circ RX$
- ii. $X \hat{\Delta} \circ R_{\Delta}$

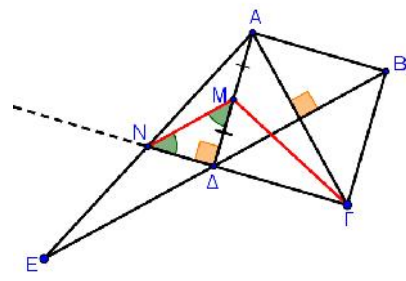


$$\Delta N = \frac{AB}{2}$$

$$AB = A\Delta \quad \Delta M = \frac{A\Delta}{2}, \quad \Delta N = \Delta M$$

$\Delta N = \Delta M$,

$$\hat{\Delta} \hat{N} M = \hat{\Delta} \hat{M} N = \frac{180^\circ - 90^\circ}{2} = 45^\circ$$



$MN \perp A\Gamma$.

i.

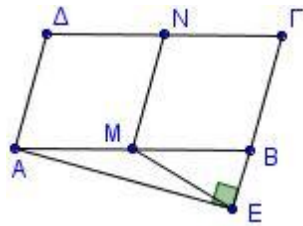
ii.
 $\Gamma M \perp AN$.

3813.

RS N 2SX

- μ
- μ
- μ

$$MB = \frac{AB}{2} = \frac{2B\Gamma}{2} = B\Gamma,$$



$MN \parallel E\Gamma$ (1) $MN \parallel B\Gamma$.

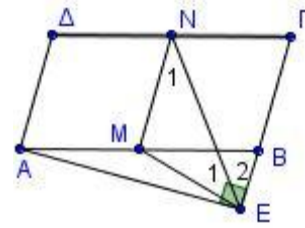
(2).

$$EM = \frac{AB}{2} = \frac{\Gamma\Delta}{2} = \Gamma N$$
 (3)

(1), (2), (3)

) $EM = \frac{AB}{2} = MB = MN,$

$\hat{E}_1 = \hat{N}_1, \mu \hat{E}_2 = \hat{N}_1$
 $\hat{E}_1 = \hat{E}_2, \mu$



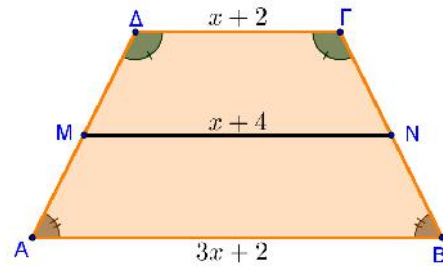
2851.

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

) $\mu = 13$

) $MN = \frac{AB + \Gamma\Delta}{2} \Leftrightarrow x + 4 = \frac{3x + 2 + x + 2}{2} \Leftrightarrow 2 \cdot (x + 4) = 4x + 4 \Leftrightarrow 2x + 8 = 4x + 4 \Leftrightarrow 2x = 4 \Leftrightarrow x = 2$

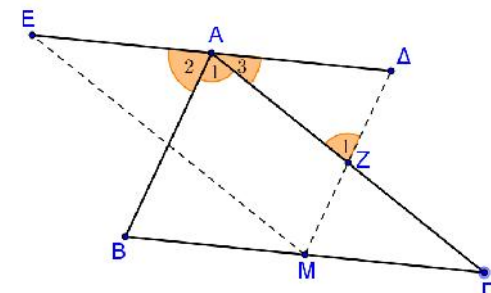
) $\hat{A} = \hat{B} (1), \hat{\Gamma} = \hat{\Delta} (2).$
 $\mu 360^\circ$
 $\hat{A} + \hat{B} + \hat{\Gamma} + \hat{\Delta} = 360^\circ \Leftrightarrow 2\hat{B} + 2\hat{\Gamma} = 360^\circ \Leftrightarrow \hat{B} + \hat{\Gamma} = 180^\circ \Leftrightarrow 2\hat{\Gamma} + \hat{\Gamma} = 180^\circ \Leftrightarrow 3\hat{\Gamma} = 180^\circ \Leftrightarrow \hat{\Gamma} = 60^\circ.$
 $\mu \hat{\Delta} = \hat{\Gamma} = 60^\circ, \hat{B} = 2\hat{\Gamma} = 2 \cdot 60^\circ = 120^\circ = \hat{A}$



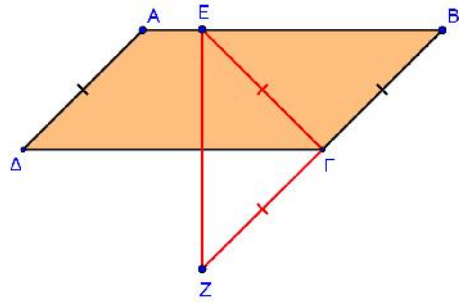
4555.

) $\mu = 10, \mu = 9$

) $\hat{k}_1 \hat{N} \hat{R}_1 (//)$
 $\hat{R} \hat{U} \hat{k} \hat{N} \hat{R}_2 (//)$



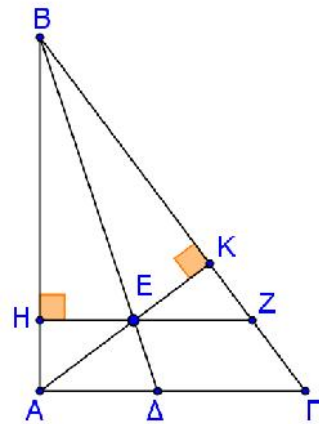
$EG = BG = \frac{BZ}{2}$ (μ μ μ),
 μ μ μ) // μ μ μ)
 μ μ μ) = ($\mu\mu$) $B\Gamma = \Gamma E$,
 $A\Delta = \Gamma E$,
 μ μ μ) // = $\mu\mu$.



4794.

$\hat{Q} \hat{R} N 90^\circ; \mu$

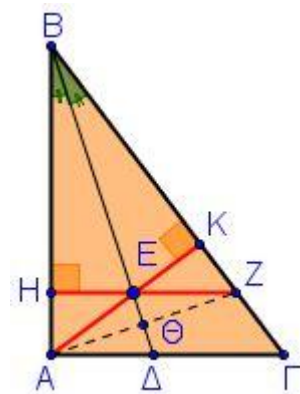
μ μ μ , μ μ μ .
 μ μ μ) :
 i) μ μ μ) μ 6
 ii) To μ μ μ) μ 6
 iii) μ μ μ) μ 7
 μ μ μ) μ 6
 \hat{X} . μ μ μ) μ 6



i) μ μ μ) :
 • $H\hat{E}A = K\hat{E}Z$ (μ μ μ)
 • μ μ μ) μ μ μ) \hat{B}

ii) μ μ μ) B B μ μ μ)
 : μ μ μ)
 • $H\hat{B}E = E\hat{B}K$ (μ μ μ)
 • μ μ μ) B B μ μ μ)

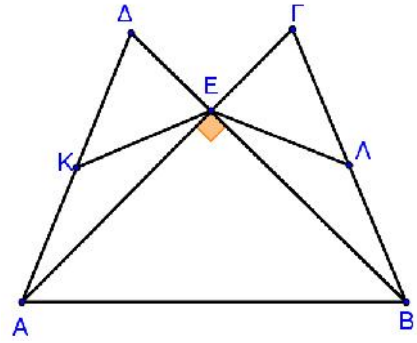
iii) μ μ μ) μ μ μ)
 μ μ μ) μ μ μ)
 μ μ μ) μ μ μ)



4808

(=) (=B),

, μ μ μ μ μ μ
) = . μ 7
) // . μ 8
) // . μ 10

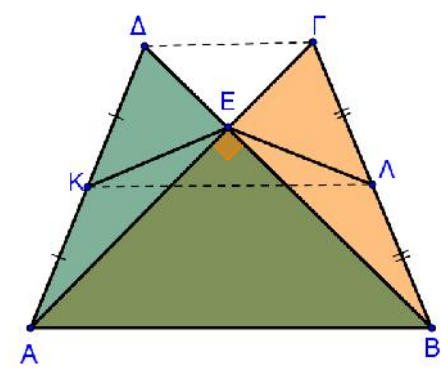


) : EÂB = EÛA (1) = (2)

(1) = , = (,)

) (=) ΓΛE = 45° . (=)

μ AÛΔ = 45° . μ μ μ



) : KE = $\frac{A\Lambda}{2}$.

μ EΛ = $\frac{B\Gamma}{2}$. μ = =

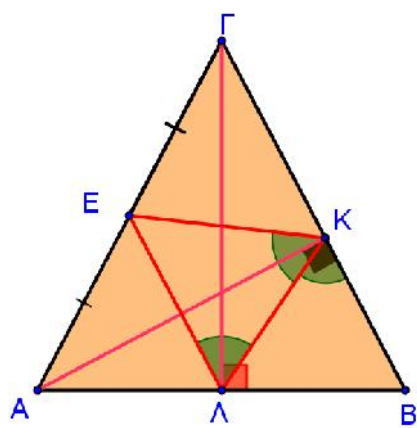
// KÂB + ΛÛA = 45° + KÂE + 45° + EÛΓ = 90° + AÛK + BÛΛ < 180°
 μ // .

6876.

(=) . μ μ μ 10 μ 15

) μ KE = $\frac{A\Gamma}{2}$. μ
 : ΛE = $\frac{\Gamma A}{2}$. μ =

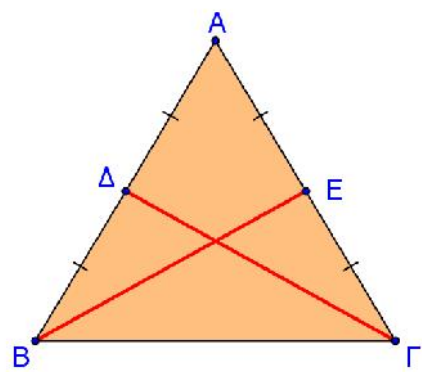
) ΛE // ΓB EΛK = ΛÛB (1) (



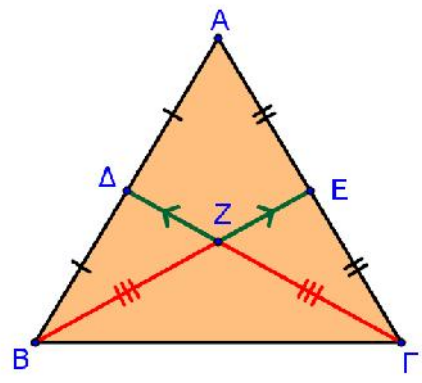
μ) μ $\hat{E}\hat{\Lambda}K = E\hat{K}\Lambda$ (2) (μ)
 (1),(2) $E\hat{K}\Lambda = \Lambda\hat{K}B$. μ μ $B\hat{K}E$.

13527.

μ , μ μ :
 : $\mu =$, μ μ , μ . μ 10
) , μ 10
) , μ 5
)
 • = (μ)
 • $\hat{B} = \hat{\Gamma}$ (μ)
 (- -)
 = ($\sim_s = \sim_x$)



) μ
 \sim_s, \sim_x
 $\mu =$.
 μ
 • = ($\Delta Z = \frac{1}{3}BE = \frac{1}{3}\Gamma\Delta = Z\Delta$)
 • = ($BZ = \frac{2}{3}BE = \frac{2}{3}\Gamma\Delta = \Gamma Z$)
 • $\Delta\hat{Z}B = E\hat{Z}\Gamma$ ()
 $\Delta B = E\Gamma \Leftrightarrow 2\Delta B = 2E\Gamma \Leftrightarrow AB = A\Gamma$.
 μ



) $\mu =$ μ μ μ , μ .