

# MEGOLDÁSOK

1.

a)  $(21; -11)$

b)  $\sqrt{148}$

c)  $66,5^\circ$

2.

a)  $(-22; -8)$

b)  $\sqrt{37}$

c)  $65,22^\circ$

3.  $(10; -4)(20; 20) = 120$

4.  $6x + 40 = 112 \quad x = 12$

5.  $115,06^\circ$

6.  $\gamma = 73,25^\circ$ ,  $\alpha = 56,75^\circ$  és  $a = 8,73$  cm vagy  $\gamma = 106,75^\circ$ ,  $\alpha = 23,25^\circ$  és  $a = 4,12$  cm

7.  $a = 6,39$  cm,  $b = 8,21$  cm,  $K = 29,2$  cm és  $T = 24,65$  cm<sup>2</sup>

8.  $a = 7,36$  cm,  $b = d = 8,21$  cm,  $c = 5,74$  cm,  $K = 22,42$  cm és  $T = 30,06$  cm<sup>2</sup>

9.  $a = 35,21$  cm,  $b = d = 27,81$  cm,  $c = 23,47$  cm,  $K = 177,4$  cm és  $T = 797,75$  cm<sup>2</sup>

10.  $b = 10,85$  cm,  $d = 8,85$  cm,  $e = 18,95$  cm,  $f = 22,56$  cm.

11.  $b = 5,35$  cm,  $d = 6,3$  cm

12.  $a = 2,88$  cm,  $b = 3,88$  cm,  $c = 4,41$  cm

13.  $a = 4,17$  cm,  $b = 10,55$  cm

14.  $a = 15,45$  cm,  $b = 14,06$  cm,  $c = 9,46$  cm és  $d = 10,24$  cm

15.  $b = 15,31$  cm

16.  $s_c = 7,02$  cm