

1) 17.3 cm	5) 7.2 km
2) 26.8 cm	6) 6.1 mm
3) 18 m	7) 18 s
4) 9.9 cm	8) 20.9 cm
	9) 39.2 cm ²

2)

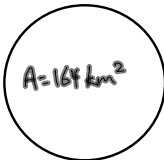
$A = 720 \text{ cm}^2$
 26.8 cm
 $A = s^2$

$A = lw$
 $= 24 \cdot 30$
 $= 720$
 $A = 720 \text{ cm}^2$
 30

$\sqrt{720} = \sqrt{s^2}$
 $26.8 = |s|$


7) $S = 4.9t^2$
 $\frac{1587.6}{4.9} = \frac{4.9t^2}{4.9}$

5)



$A = 164 \text{ km}^2$

$A = \pi r^2$
 $164 = 3.14 r^2$

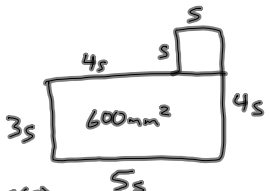


$A = 341.9 \text{ cm}^2$

$A = \pi r^2$
 $341.9 = 3.14 r^2$

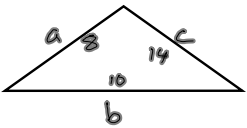
6)

6.1 mm



$600 = 5s(3s) + s(s)$
 $600 = 15s^2 + s^2$
 $600 = 16s^2$
 $\frac{600}{16} = \frac{16s^2}{16}$
 $\sqrt{37.5} = \sqrt{s^2}$
 $6.1237 = |s|$
 $\pm 6.1 = s$

10)



$s = \frac{1}{2}(a+b+c)$
 $s = \frac{1}{2}(8+10+14)$
 $s = 16$

$A = \sqrt{s(s-a)(s-b)(s-c)}$
 $A = \sqrt{16(16-8)(16-10)(16-14)}$
 $A = \sqrt{16(8)(6)(2)}$
 $A = \sqrt{1536} = 39.2 \text{ cm}^2$