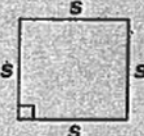
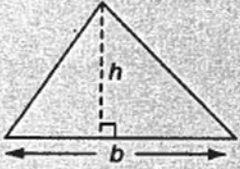
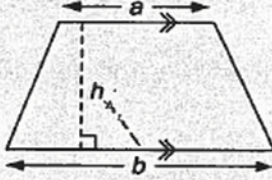
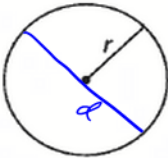


Chapter 9: Perimeter, Area, and Volume

9.0) Reviewing Formulas.

Square  $P = 4s$ $A = s^2$	Rectangle  $P = 2(l + w)$ $A = l \times w$	Parallelogram  $P = \text{sum of side lengths}$ $A = b \times h$
Triangle  $P = \text{sum of side lengths}$ $A = \frac{1}{2} \times b \times h$	Trapezoid  $P = \text{sum of side lengths}$ $A = \frac{1}{2} \times (a + b) \times h$	Circle  $C = \pi \times d \text{ or } 2 \times \pi \times r$ $A = \pi \times r^2$

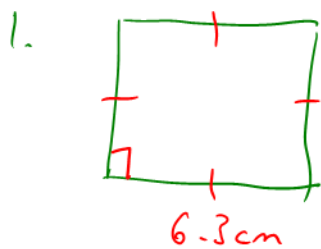
pg 454

$$A = \frac{bh}{2}$$

$$A = \frac{(a+b)h}{2}$$

$$\rightarrow 3.14$$

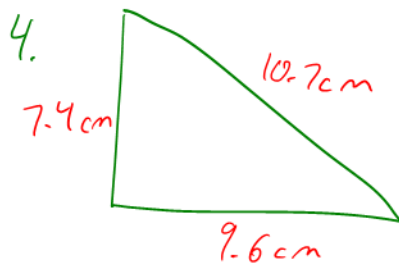
Section 1



$$P = 4s$$

$$P = 4(6.3)$$

$$P = 25.2 \text{ cm}$$



$$P = a + b + c$$

$$P = 9.6 + 7.4 + 10.7$$

$$P = 27.7 \text{ cm}$$

5.

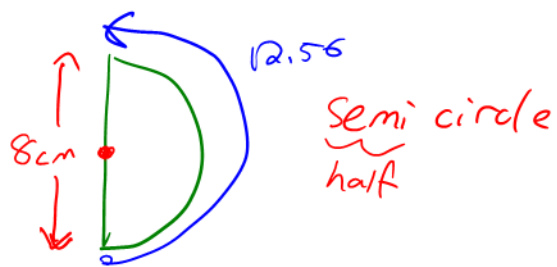


$$C = 2\pi r$$

$$C = 2(3.14)(10)$$

$$C = 62.8m$$

6.



$$C = \frac{\pi d}{2} + d$$

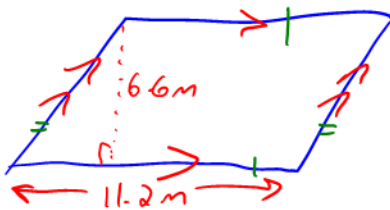
$$C = \frac{(3.14)(8)}{2} + 8$$

$$C = 12.56 + 8$$

$$C = 20.56cm$$

Section 2.

2.



$$A = bh$$

$$A = (11.2)(6.6)$$

$$A = 73.92$$

$$A = 73.9m^2$$

3.



$$A = \frac{bh}{2}$$

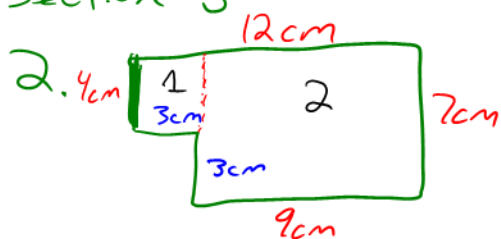
$$A = \frac{(8.8)(6.2)}{2}$$

$$A = 27.28$$

$$A = 27.3cm^2$$

Section 3

2.



$$P = 4 + 12 + 7 + 9 + 3 + 3$$

$$= 38cm$$

$$A_1 = lw$$

$$= (4)(3)$$

$$= 12cm^2$$

$$A_2 = lw$$

$$= (9)(7)$$

$$= 63cm^2$$

$$A = 12 + 63$$

$$= 75cm^2$$

On the boards

Section 2 # 4, 5

Section 3 # 5

Homework: Due the Math class AFTER the
test (so Monday, March 7)

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