

Formulas

Circle $C = 2\pi r$
 $A = \pi r^2$

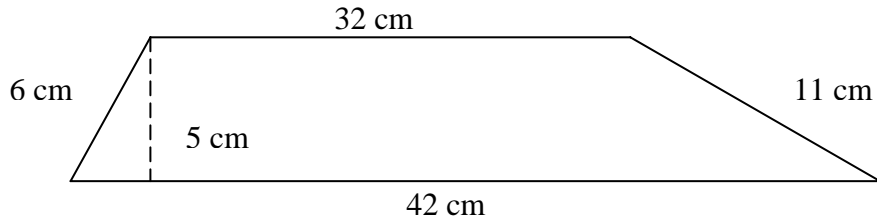
Triangle $A = \frac{1}{2}bh$

Rectangle $A = lw$

Trapezoid $A = \frac{1}{2}h(b_1 + b_2)$

Perimeter and Area

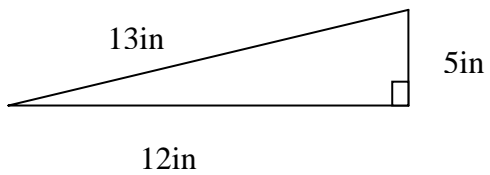
1. & 2. Find the **perimeter and area** of the figure.



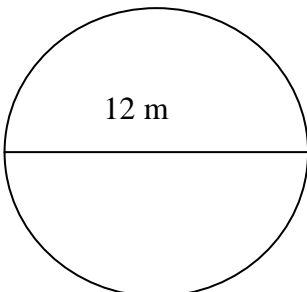
3. & 4. Find the **perimeter and area** of a rectangle that has a length of 5.5 ft and a width of 4 ft.

5. & 6. Find the **perimeter and area** of a circle with radius 10 cm.

7. & 8. Find the **perimeter and area** of the figure.



9. & 10. Find the **perimeter and area** of the figure.



SOLUTIONS

1. & 2.

$$P = 91 \text{ cm}$$

$$A = 185 \text{ sq. cm}$$

3 & 4.

$$P = 19 \text{ ft}$$

$$A = 22 \text{ sq ft}$$

5. & 6.

$$P = 20\pi \text{ cm} \approx 62.8 \text{ cm}$$

$$A = 100\pi \text{ sq cm} \approx 314 \text{ sq cm}$$

7. & 8.

$$P = 30 \text{ in}$$

$$A = 30 \text{ sq in}$$

9. & 10.

$$P = 12\pi \text{ m} \approx 37.68 \text{ m}$$

$$A = 36\pi \text{ sq m} \approx 113.04 \text{ sq m}$$