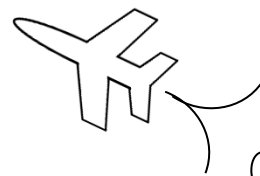


Math on the Fly!



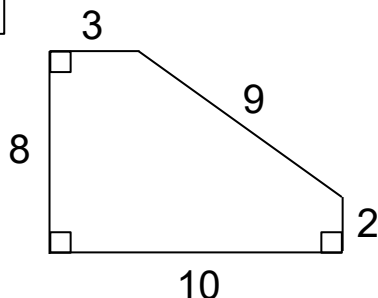
NAME: _____ DATE: _____

Perimeter and Area of Compound Shapes

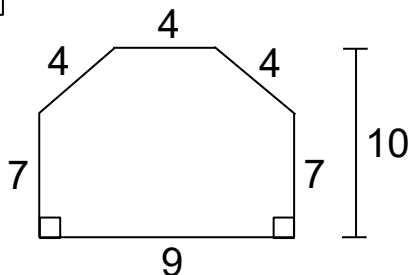
Find the area and perimeter of each figure.

Assume all lengths are in centimeters.

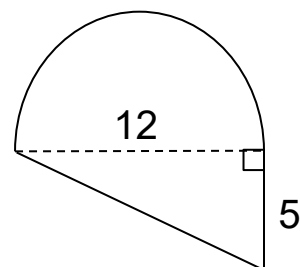
1.



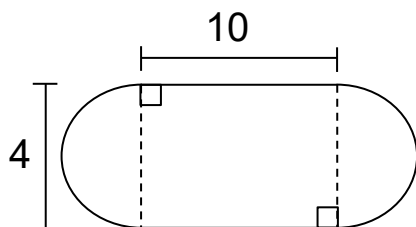
2.



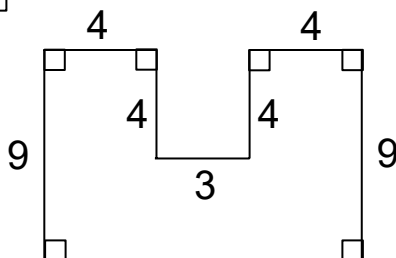
3.



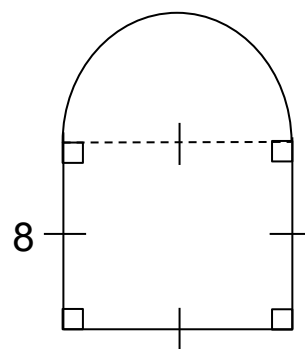
4.



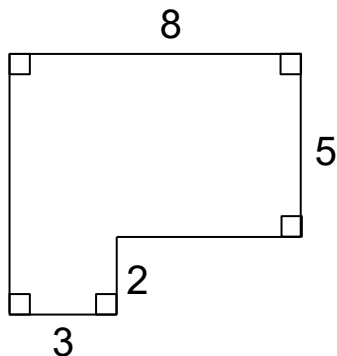
5.



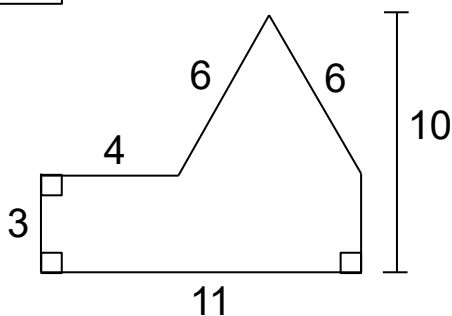
6.



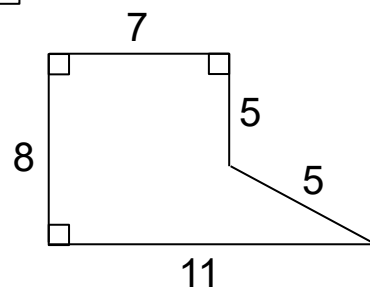
7.



8.



9.



SOLUTIONS

1. $P = 32 \text{ cm}, A = 59 \text{ cm}^2$

2. $P = 35 \text{ cm}, A = 82.5 \text{ cm}^2$

3. $P = (18 + 6\pi) \text{ cm} \quad A = (30 + 18\pi) \text{ cm}^2$
 $\approx 36.85 \text{ cm} \quad \approx 86.55 \text{ cm}^2$

4. $P = (20 + 4\pi) \text{ cm} \quad A = (40 + 4\pi) \text{ cm}^2$
 $\approx 32.57 \text{ cm} \quad \approx 52.57 \text{ cm}^2$

5. $P = 48 \text{ cm}, A = 87 \text{ cm}^2$

6. $P = (24 + 4\pi) \text{ cm} \quad A = (64 + 8\pi) \text{ cm}^2$
 $\approx 36.57 \text{ cm} \quad \approx 89.13 \text{ cm}^2$

7. $P = 30 \text{ cm}, A = 46 \text{ cm}^2$

8. $P = 33 \text{ cm}, A = 57.5 \text{ cm}^2$

9. $P = 36 \text{ cm}, A = 62 \text{ cm}^2$