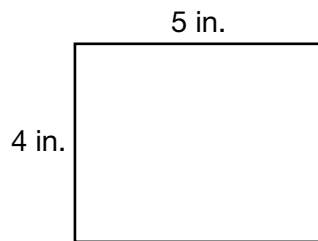


Perimeter of Common Shapes

Use the properties of these common shapes to find the missing side lengths. Then find the perimeter.

Rectangle

Two pairs of sides have the same length.



$$4 \text{ in.} + 5 \text{ in.} + 4 \text{ in.} + 5 \text{ in.} = 18 \text{ in.}$$

Square

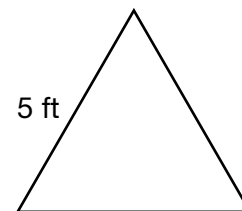
All 4 sides have the same length.



$$6 \text{ cm} + 6 \text{ cm} + 6 \text{ cm} + 6 \text{ cm} = 24 \text{ cm}$$

Equilateral Triangle

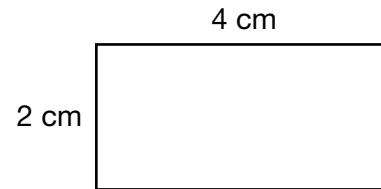
All 3 sides have the same length.

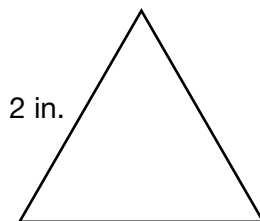


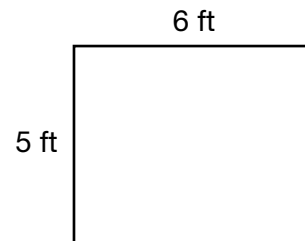
$$5 \text{ ft} + 5 \text{ ft} + 5 \text{ ft} = 15 \text{ ft}$$

Find the perimeter of each polygon.

1.

2.

3.

4.

5. Reason Can two squares of different sizes have the same perimeter? Explain.
