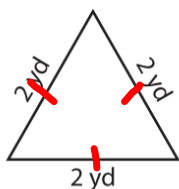


## Warm-up

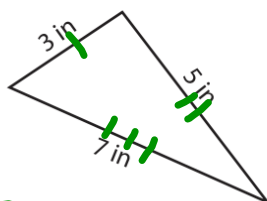
What type of triangle are these??

1)



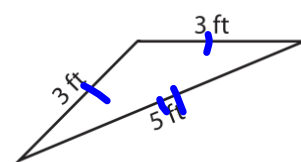
Equilateral

2)



Scalene

3)



Isosceles

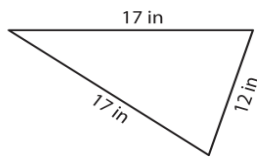
# ★ REMEMBER

Perimeter = side + side + side ...so on

Find the perimeter of these triangles (Show work)

(Diagram is not drawn to scale)

1)

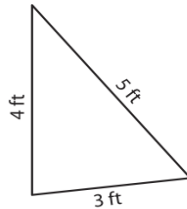


$$P = S + S + S$$

$$P = 17\text{ in} + 17\text{ in} + 12\text{ in}$$

$$P = 46\text{ in}$$

2)

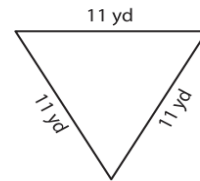


$$P = S + S + S$$

$$P = 5\text{ ft} + 4\text{ ft} + 3\text{ ft}$$

$$P = 12\text{ ft}$$

3)

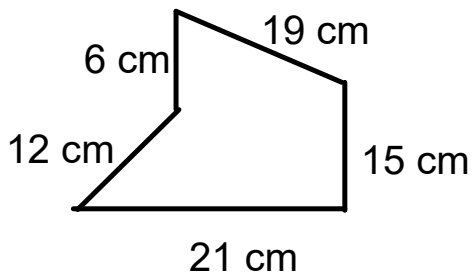


$$P = S + S + S$$

$$P = 11\text{ yd} + 11\text{ yd} + 11\text{ yd}$$

$$P = 33\text{ yd}$$

Find the perimeter of this shape



$$P = S + S + S + S + S$$

$$P = 6\text{ cm} + 12\text{ cm} + 15\text{ cm} + 19\text{ cm} + 21\text{ cm}$$

$$P = 73\text{ cm}$$

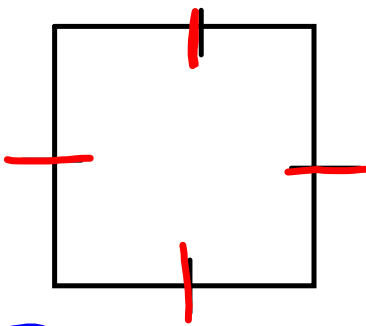
A square has 4 equal sides

Given one side, can we find the perimeter?

Perimeter of square =



3 cm



$$P = S + S + S + S$$

$$P = 4S$$

$$P = 4 \times 3 \text{ cm}$$

$$P = 12 \text{ cm}$$

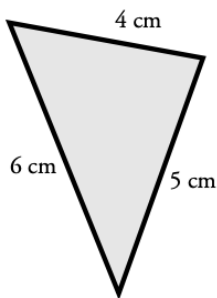
$$P = S + S + S + S$$

$$P = 3 \text{ cm} + 3 \text{ cm} + 3 \text{ cm} + 3 \text{ cm}$$

$$P = 12 \text{ cm}$$

Find the perimeter

a.

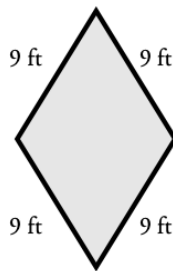


$$P = S + S + S$$

$$P = 4\text{ cm} + 5\text{ cm} + 6\text{ cm}$$

$$P = 15\text{ cm}$$

b.

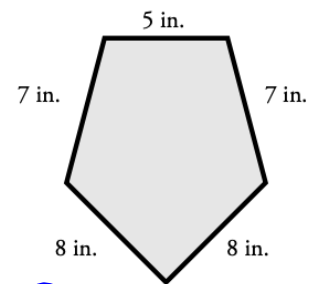


$$P = S + S + S + S$$

$$P = 9\text{ ft} + 9 + 9 + 9$$

$$P = 36\text{ ft}$$

c.



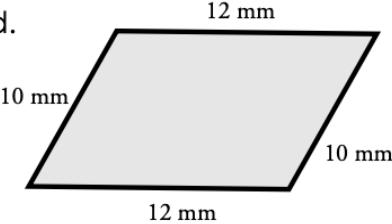
P

$$P = S + S + S + S + S$$

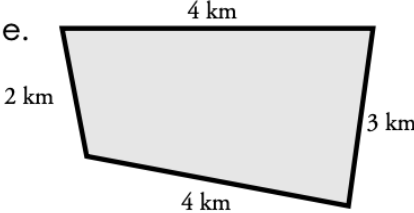
$$P = 5 + 7 + 7 + 8 + 8$$

$$P = 35\text{ in}$$

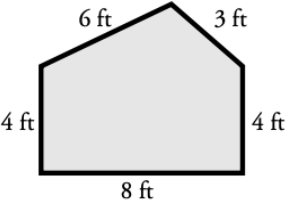
d.



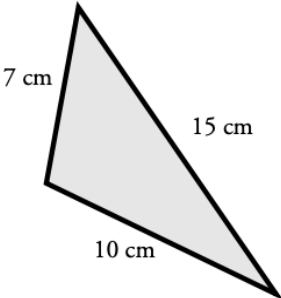
e.



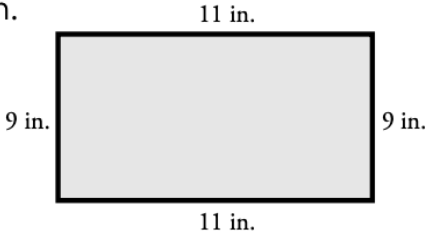
f.



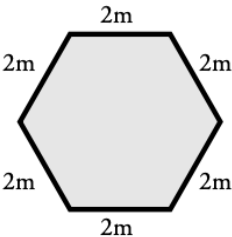
g.



h.



i.

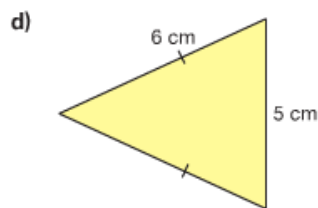
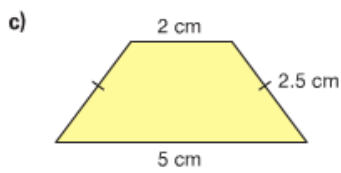
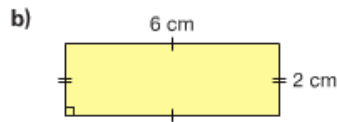
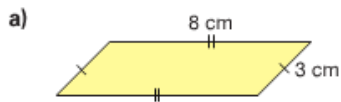


A graphic with the text "Class/Homework" in a large, bold, yellow font with a blue outline. The text is slightly slanted. To the left of the text is a small icon of a document with a checkmark.

Class/Homework

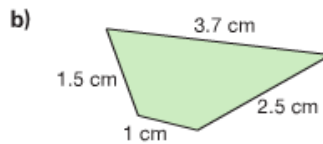
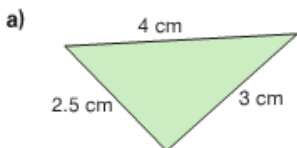
**Practice**

1. Find the perimeter of each polygon.



2. Describe the strategy you used to find the perimeter of each polygon in question 1.

3. Find the perimeter of each polygon.



Can you write a rule to find the perimeter of each of these polygons? Why or why not?

4. Write a rule to find the perimeter of each Pattern Block.

