1) Measure the perimeter of each shape.

a)

3cm
3cm 3cm
3cm

b)

2cm
2cm 2cm
5cm

Shapes not to scale.

Perimeter =

Perimeter =

c)

2cm 2cm
2cm 2cm
2cm

d)

3cm
2cm 5cm
4cm

Shapes not to scale.

Perimeter =

Perimeter =

2) Measure the perimeter of each shape.

a)

b)

c)

Perimeter =

Perimeter =

Perimeter =

1) Bryn has measured the perimeter of each shape, but has made some mistakes.

- Which measurements are correct? Which are incorrect?
- If incorrect, what is the correct perimeter?

a) Perimeter = 9cm

3cm

3cm

3cm

3cm

☐ Correct   ☐ Incorrect

_____

Show your working out.

b) Perimeter = 12cm

2cm

2cm

2cm

2cm

2cm

2cm

☐ Correct   ☐ Incorrect

_____

c) Perimeter = 17cm

4cm

3cm

5cm

5cm

☐ Correct   ☐ Incorrect

_____

d) Perimeter = 18cm

2cm

3cm

3cm

2cm

4cm

☐ Correct   ☐ Incorrect

_____
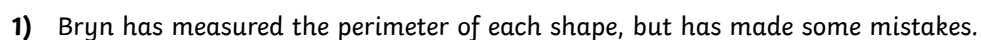
Shapes not to scale.

2) Jamie is measuring the perimeter of a rectangle.

I only need to measure the two longest sides.

Do you agree? Explain your reasons.

_____

_____

_____
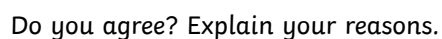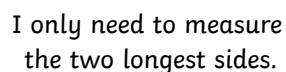
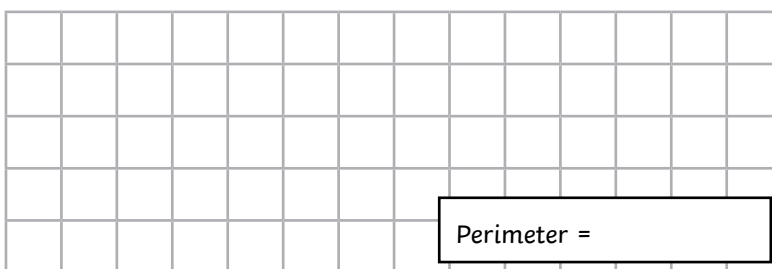**1)** McKenzie has made this shape shading 6 squares on a grid.
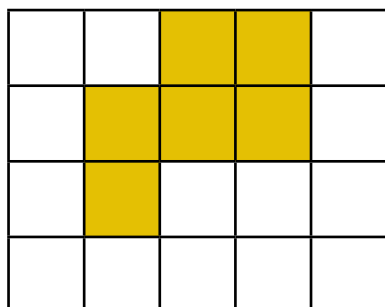
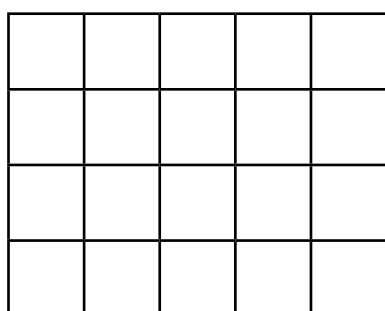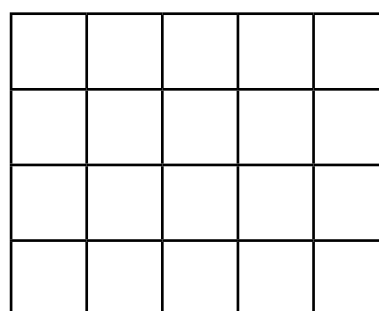**a)** What is the perimeter of McKenzie's shape?

Perimeter =

b)

> I think all shapes made of 6 squares on this grid will have the same perimeter.

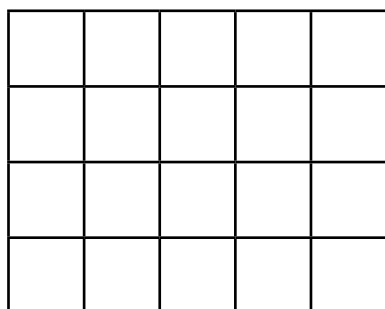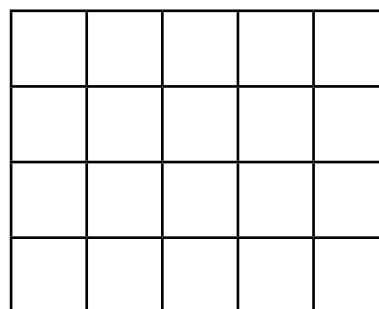Prove McKenzie is wrong by drawing 4 different shapes made up of 6 squares on these grids:

Shape A

Shape B

Shape C

Shape D

c) Sort your shapes into order from the shape with the shortest perimeter to the shape with the longest perimeter.

Shortest Perimeter			Longest Perimeter

2) Compare your shapes with those drawn by a friend. What similarities and differences can you see?

_____

_____

_____

_____

_____

_____