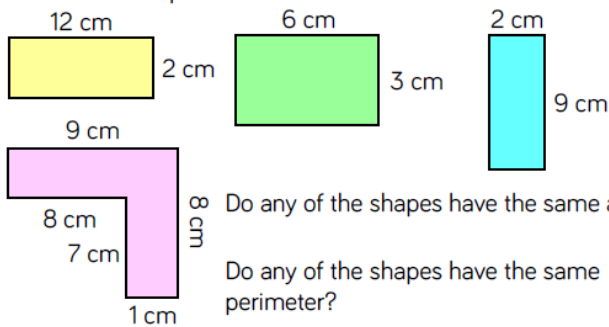


1 Look at the shapes below.



Do any of the shapes have the same area?

Do any of the shapes have the same perimeter?

2. Work out the missing values.



3. Draw two rectilinear shapes that have an area of 36 cm^2 but have a different perimeter.

State what the perimeter of each shape is.

4.

True or false?

Two rectangles with the same perimeter can have different areas.

Explain your answer.

5. A farmer has 60 metres of perimeter fencing.

For every 1 m^2 he can keep 1 chicken.



How can he arrange his fence so that the enclosed area gives him the greatest area?