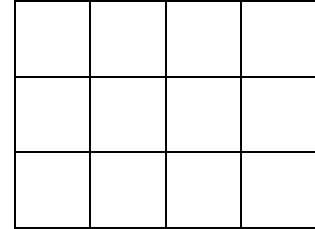


Area Review

Show All Working

Do Not Write On This Sheet

1. The rectangle alongside has a base of 4 cm and a height 3 of cm. Each square has a side length of 1 cm. The area of each square is 1 cm^2 .



- Find the area by counting the squares.
- Find the area by using the formula
Area = Base x Height
- Explain *why* multiplying base x height gives the correct area (use full sentences)

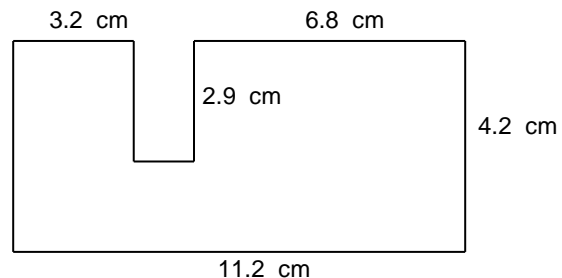
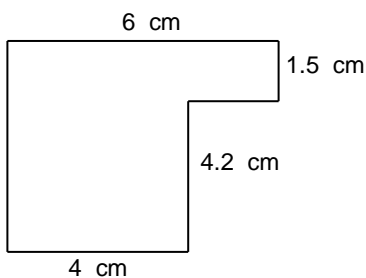
2. A rectangle has a base of 5 cm and a height of 3 cm.

- Draw a neat sketch (similar to the one above) to show that the area is 15 cm^2 .
- Now find the area by using the formula Area = Base x Height.

3. A rectangle with a base of 6 cm and a height of 4 cm has an area of 24 cm^2 .

- What other rectangles have an area of 24 cm^2 ? Find as many different rectangles as you can.
- Is a rectangle with a base of 6 cm and a height of 4 cm the same as a rectangle with a base of 4 cm and a height of 6 cm? Explain, using full sentences.

4. Find the area of each of these shapes. Sketch the diagrams first.



Challenge!

- 5* Find at least 6 rectangles that have an area of 36 cm^2 . Note: for this problem, a 4×9 rectangle is assumed to be the same as a 9×4 rectangle.