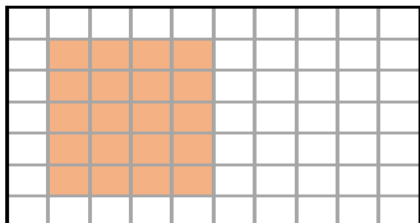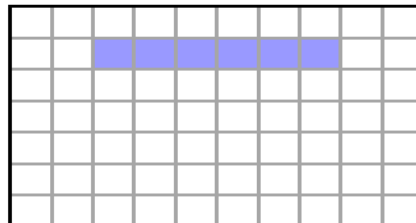| LO: Monday Please see separate worksheet |
|---|
| Finding Area by Counting squares |
| |

LO: Tuesday
Area of Rectangles

Practise

1. Complete the shape to make a rectangle with an area of 40cm^2.

Write down the calculation used to show the length and width of the rectangle.

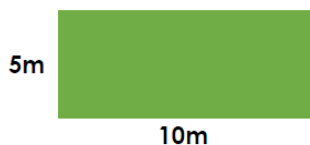**2.** Complete the shape to make a rectangle with an area of 36cm^2.

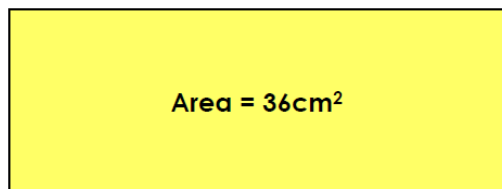Write down the calculation used to show the length and width of the rectangle.

Reasoning

Problem Solving

3. Mrs Kelly is buying turf tiles for the playing field at school.

The area of each tile is 2m^2.

5m

10m

Mrs Kelly thinks she needs to order 50 tiles.
Is she correct? Explain your answer.

4. Ben is buying turf tiles for his garden.

The area of each tile is 3m^2.

9m

3.1m

Ben thinks he needs to order 9 tiles.
Is he correct? Explain your answer.

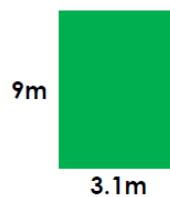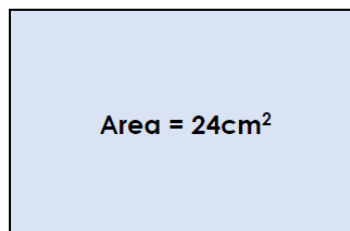**5.** A rectangle has an area of 36cm^2.
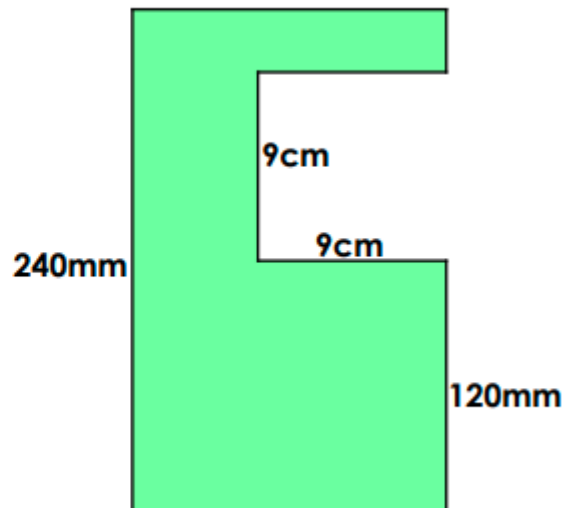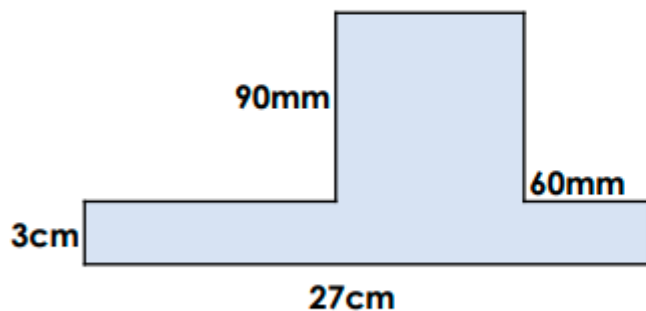What could the dimensions be?

Area = 36cm^2

Find 3 possible answers.

6. A rectangle has an area of 24cm^2.
What could the dimensions be?

Area = 24cm^2

Find 3 possible answers.

Wednesday
Finding Area of compound shapes

Practise

1. These two shapes fit together. What is the total area of the new shape?

90mm

60mm

3cm

27cm

9cm

9cm

240mm

120mm

Problem Solving

2. True or false?

Total area of shape A = 585mm²

150mm

12cm

150mm

A

90mm
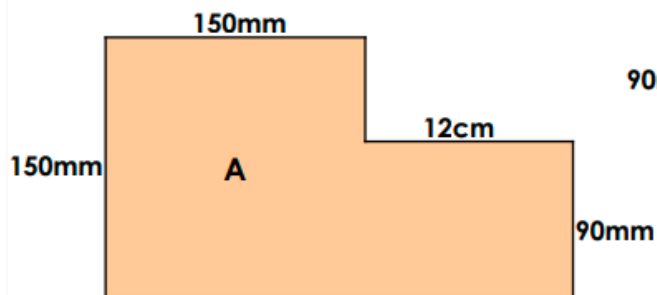
Total area of shape B = 324cm²

24cm

90mm

B

9cm

120mm
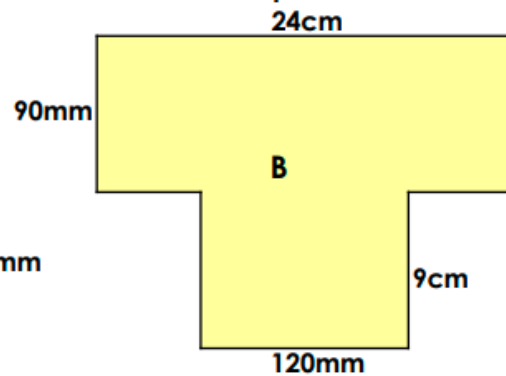
3. The local football club is replacing part of the pitch. Turf comes in 10m² rolls. How many rolls of turf are required?

52m

1200cm

600cm

15m

15m
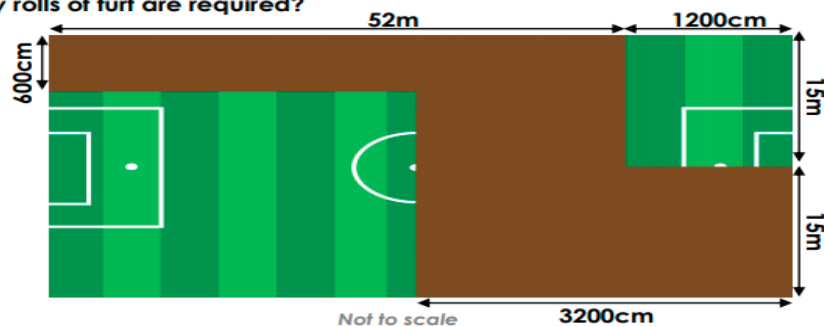
Not to scale
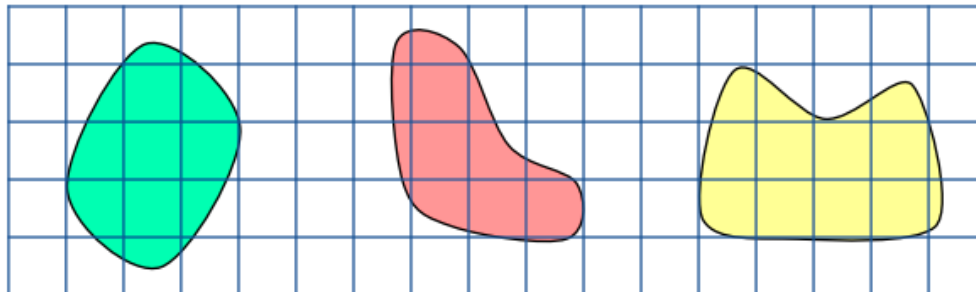
3200cm

HW/

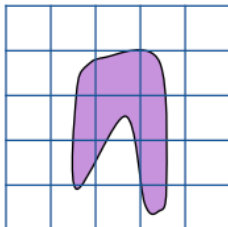| Thursday |
| --- |
| Finding area of irregular shapes |
| |

Practise

1. Approximate (to the nearest whole square) the area of each shape, then calculate their total combined area if each square represents 1cm².

Not to scale

2. Approximate the areas (to the nearest whole square), then compare using <,> or =.
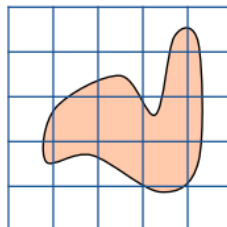
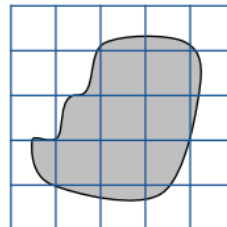1 square = 4cm²   1 square = 5cm²   1 square = 3cm²

Not to scale   *Not to scale*   *Not to scale*

A [   ]   B [   ]   C

3. Approximate the areas (to the nearest whole square), then compare using <,> or =
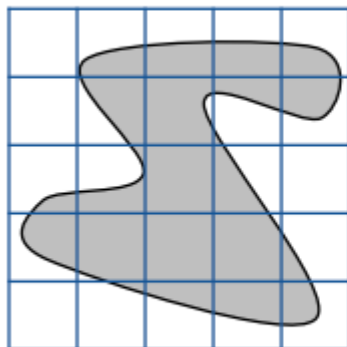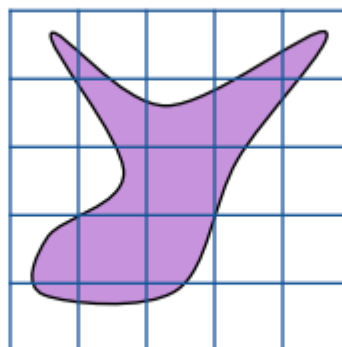
1 square = 2.5cm²   1 square = 1.5cm²   1 square = 0.5cm²

Not to scale   *Not to scale*   *Not to scale*
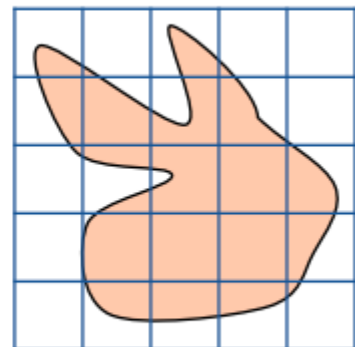
A [   ]   B [   ]   C

Friday
See Nrich Sheet

Practise

See Nrich Sheet

Reasoning

Problem Solving