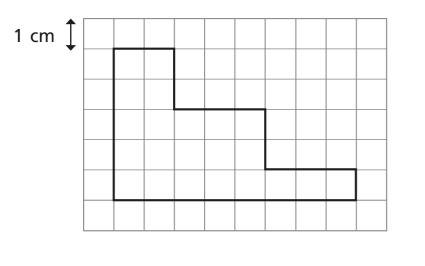
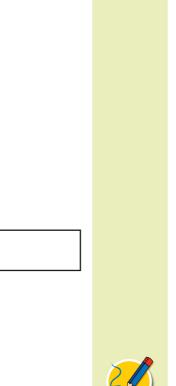




Work out the perimeter of the shape.



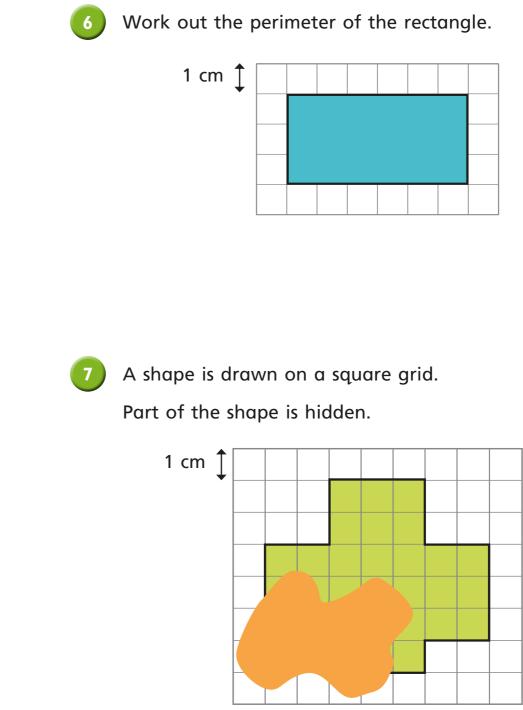


5

Draw two shapes with a perimeter of 20 cm.

Your shapes should **not** be rectangles.

1 cm



What could the perimeter of the shape be?

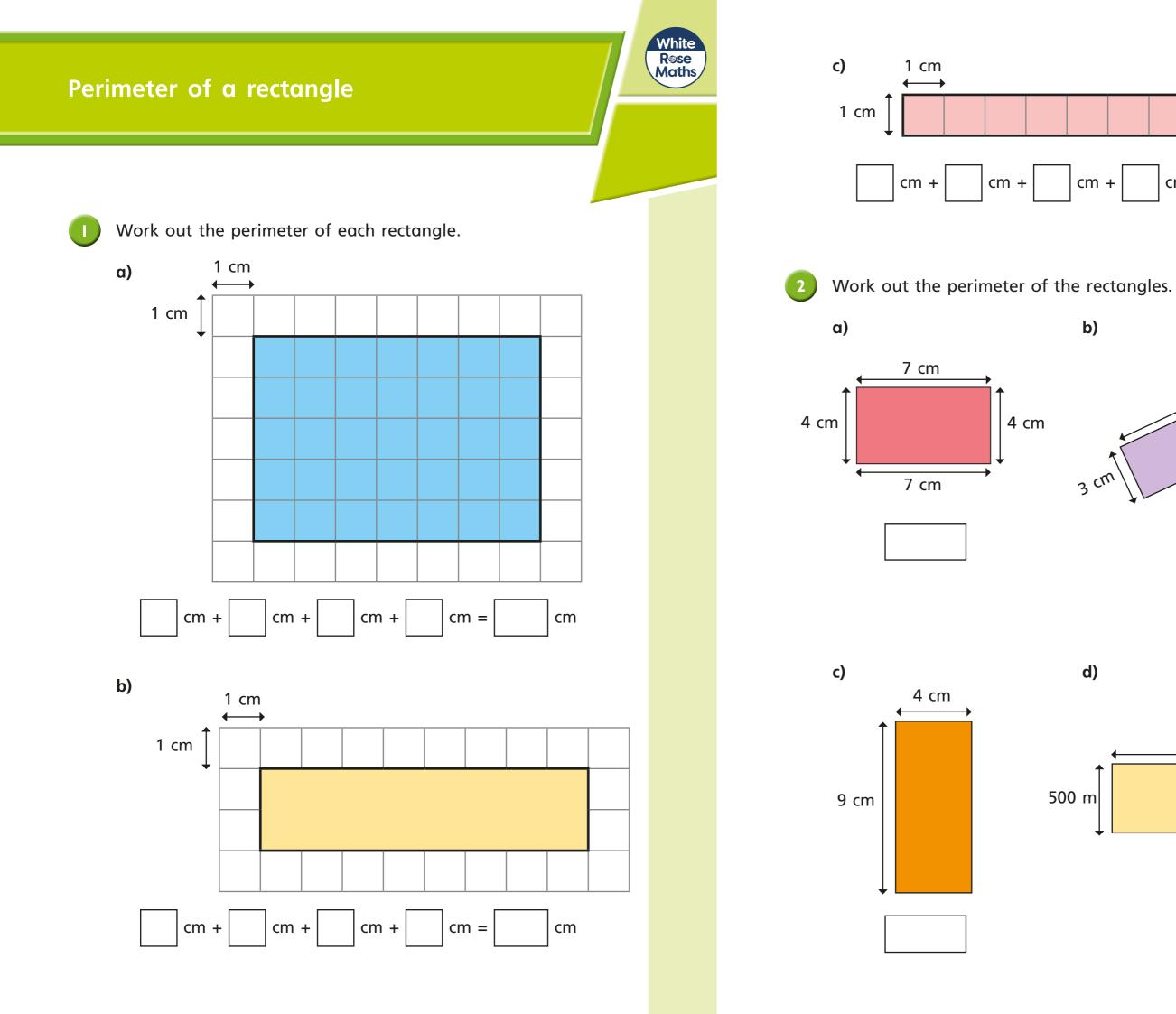
Is there more than one answer?

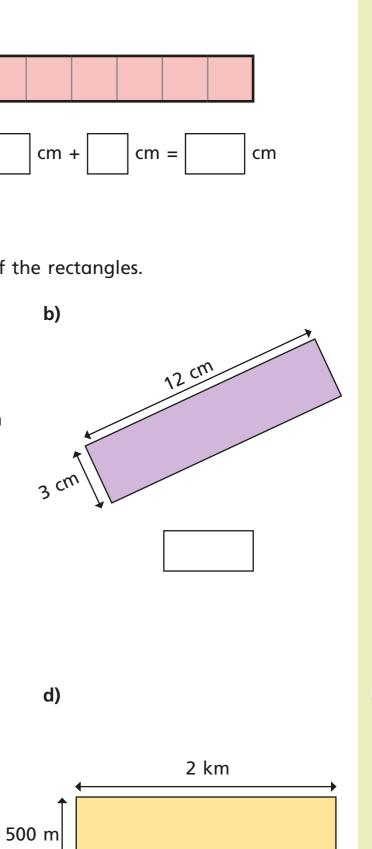




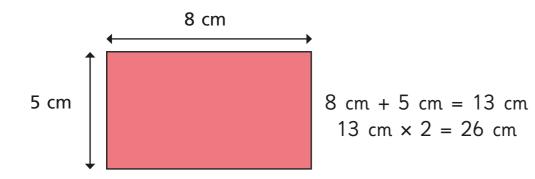




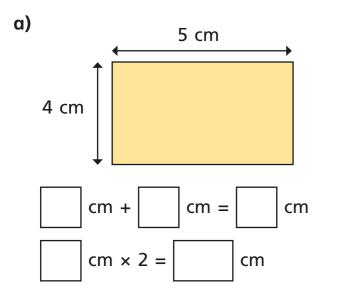


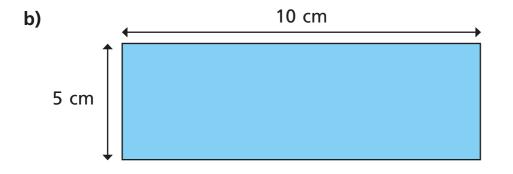


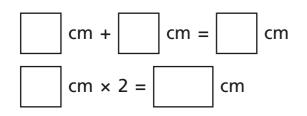
Tommy is working out the perimeter of some rectangles.

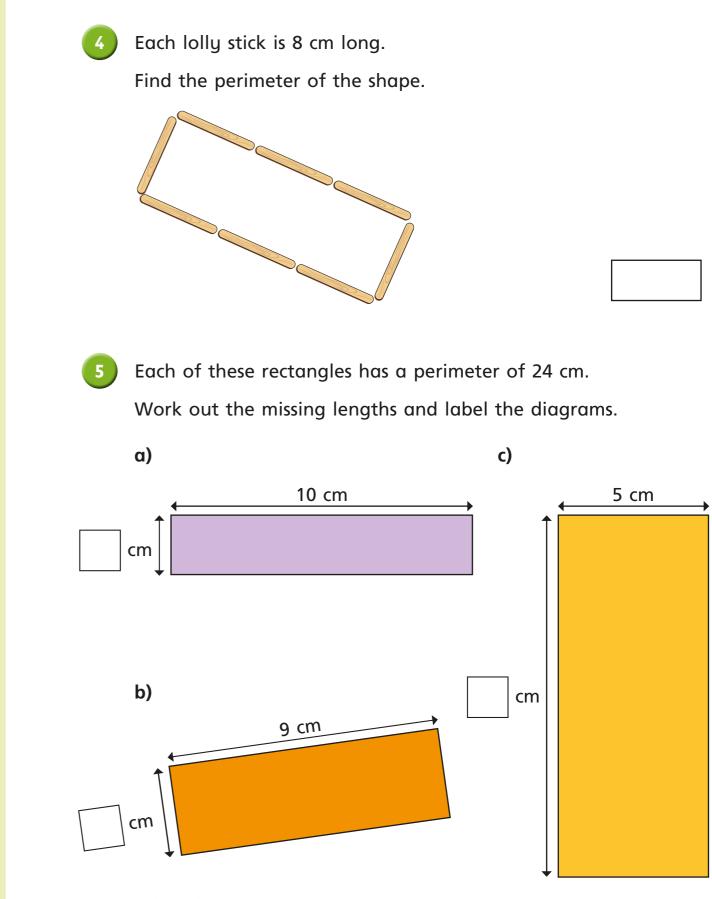


Use Tommy's method to find the perimeter of these rectangles.









What do you notice? Find any other rectangles that have the same perimeter.

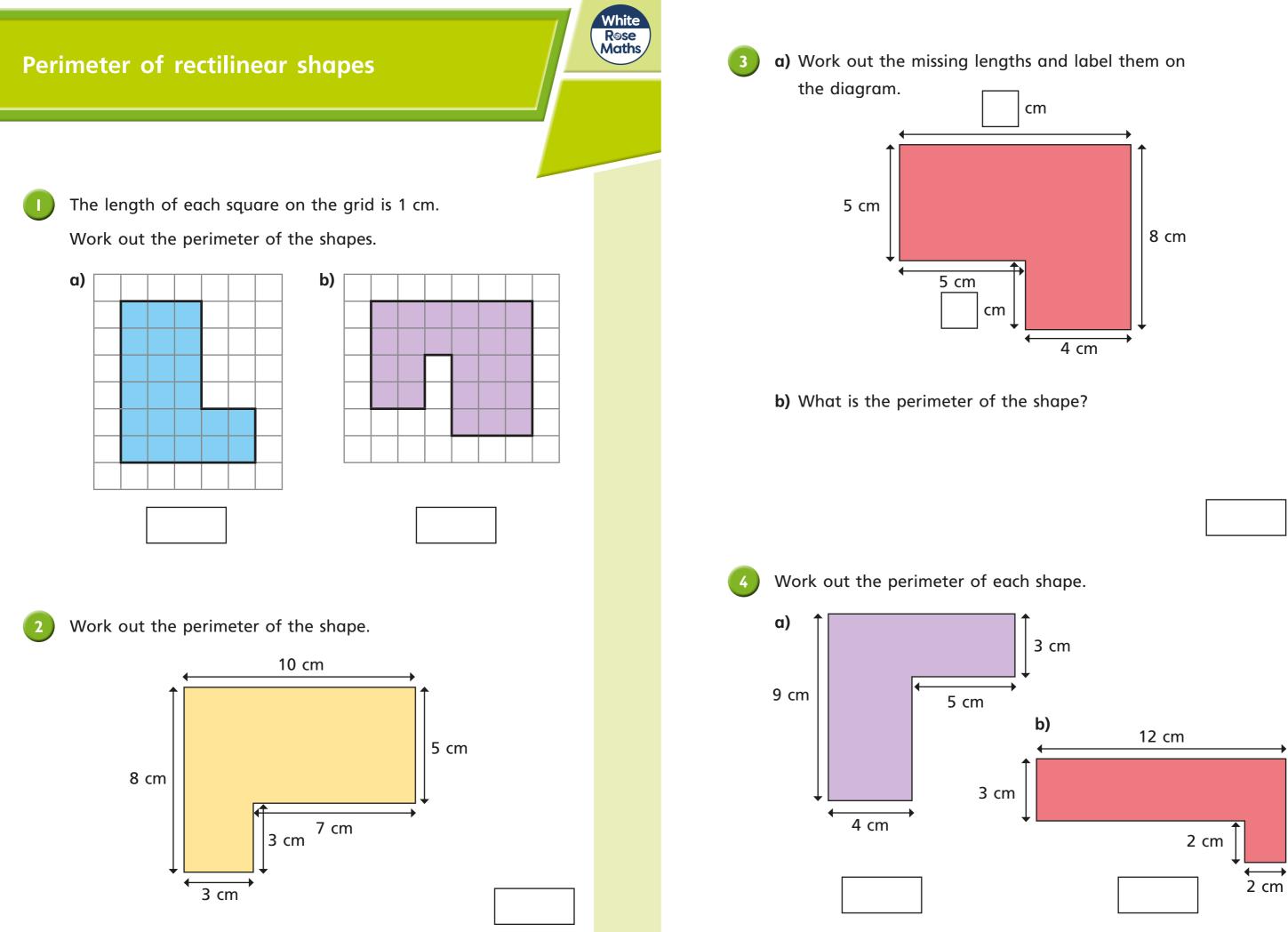
3

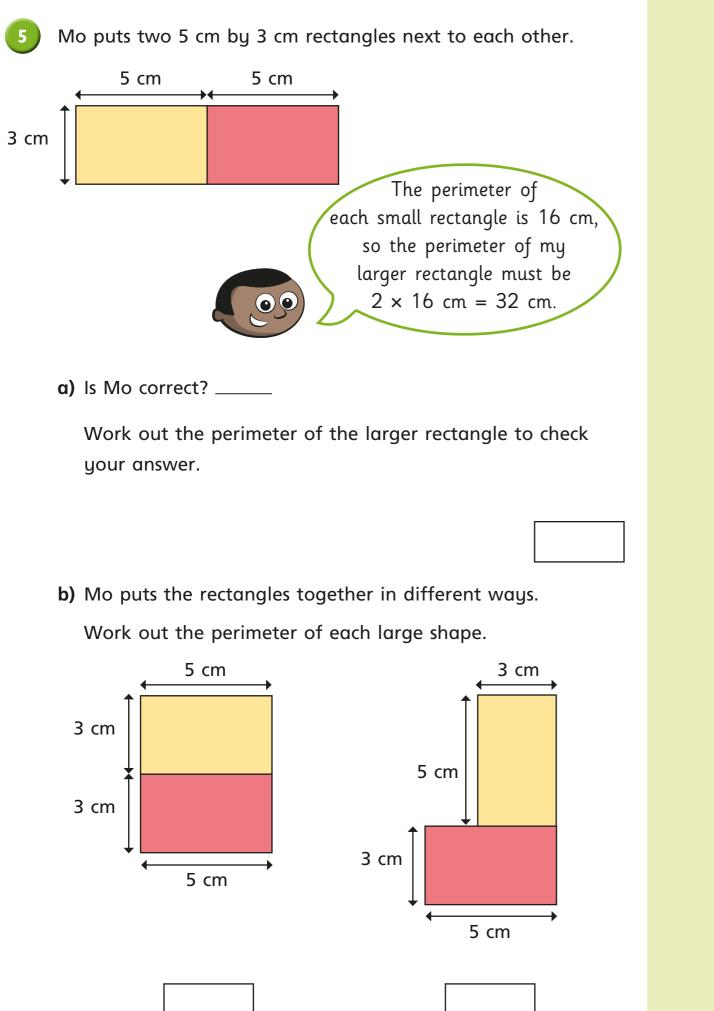


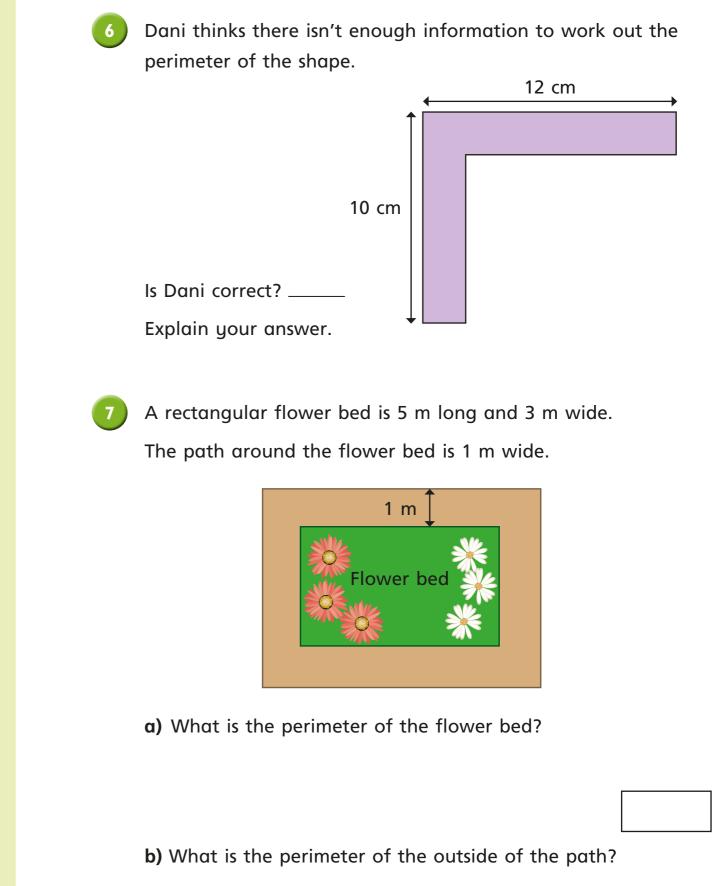


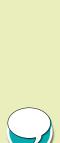








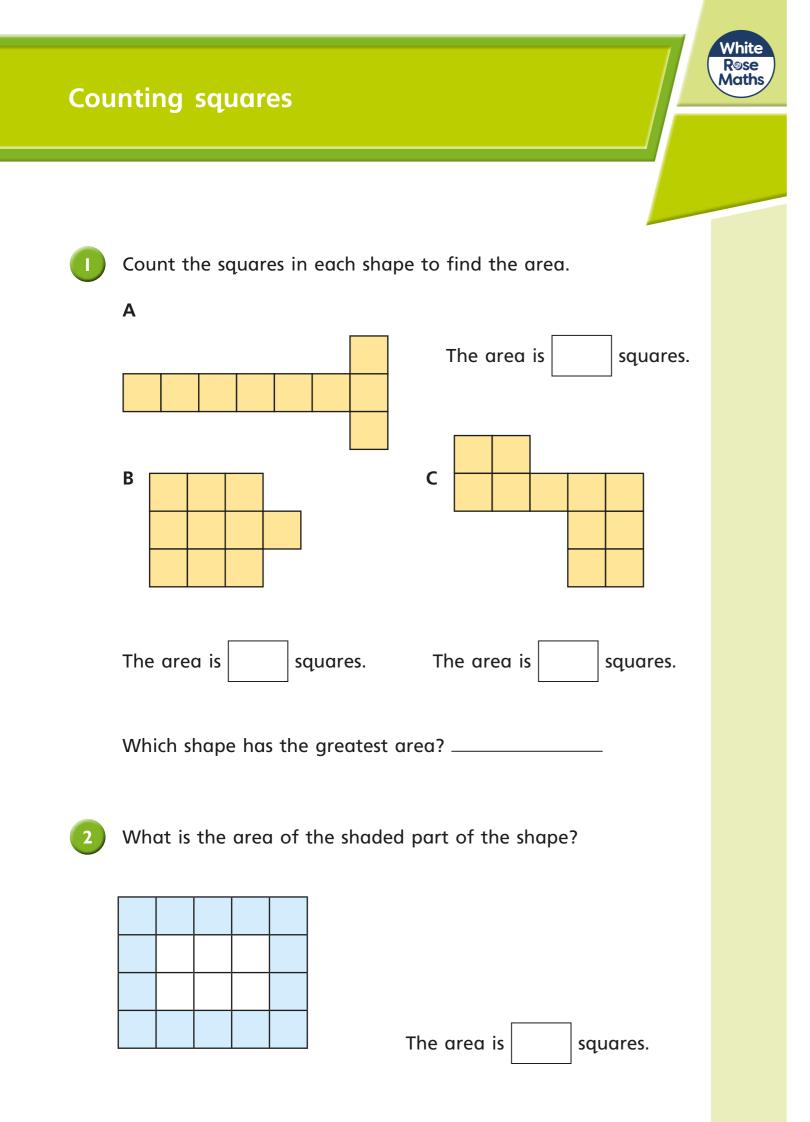






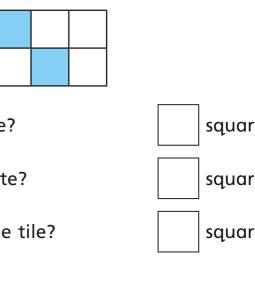


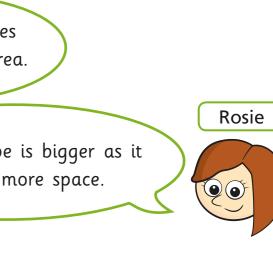




a) What area of the tile is blue? squares **b)** What area of the tile is white? squares c) What is the total area of the tile? squares These two shapes are made up of squares of the same size. These two shapes have the same area. $\bigcirc \bigcirc$ Jack The first shape is bigger as it takes up more space. Who is correct? _____ Explain how you know.

Here is a kitchen tile.

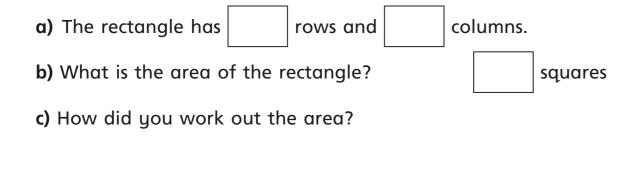






6

Here is a rectangle.



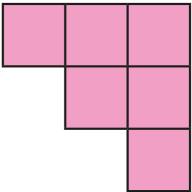
Find the area of each rectangle.

Α С B

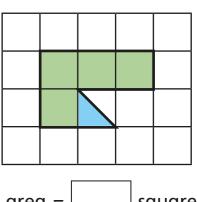


Nijah and Eva are making shapes. They each use 6 squares. Nijah's shape Eva's shape The area of Nijah's shape is equal to the area of Eva's shape. Is this true or false? _____ How do you know? What is the area of each shape? squares area = squares area =



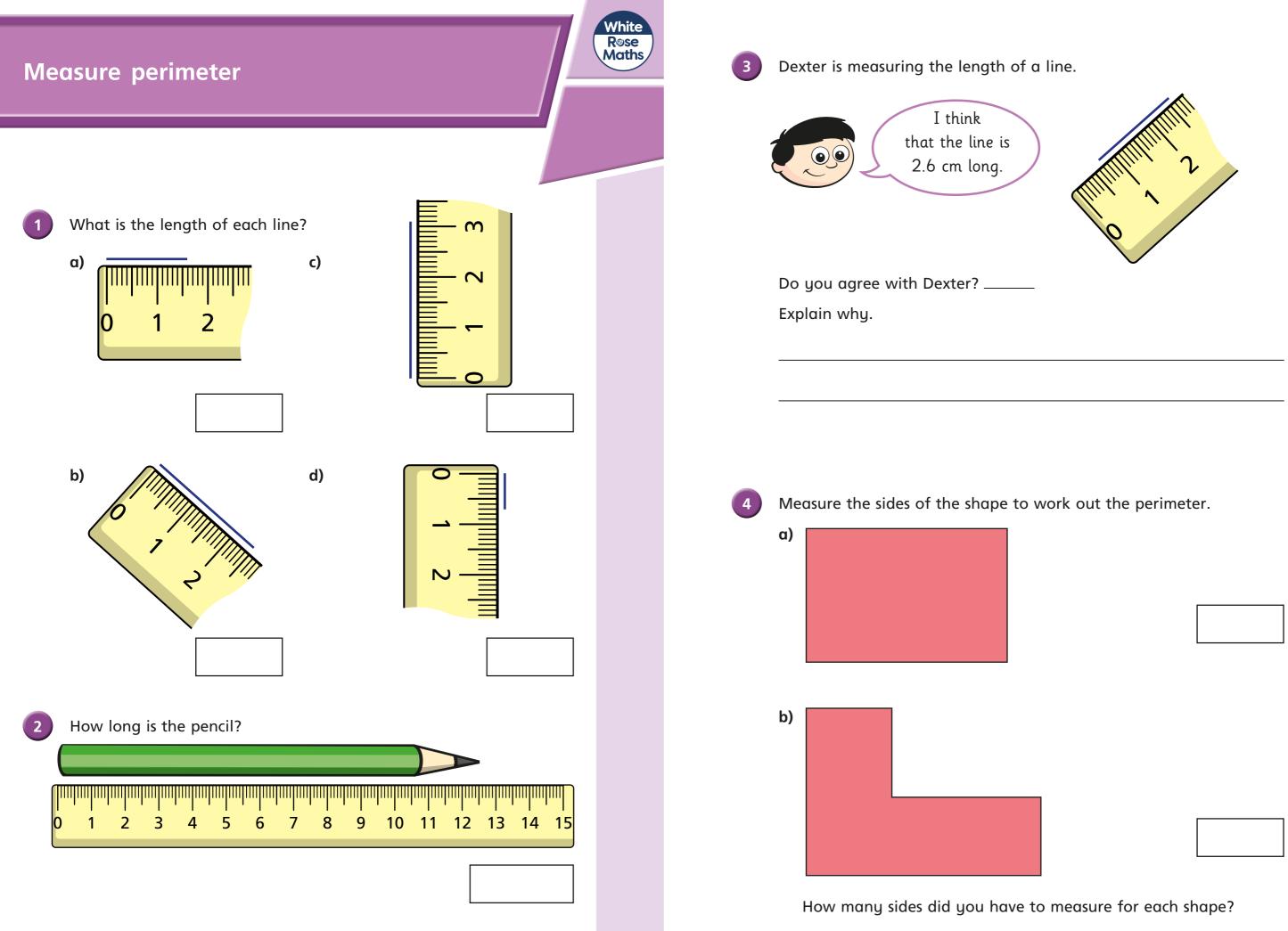




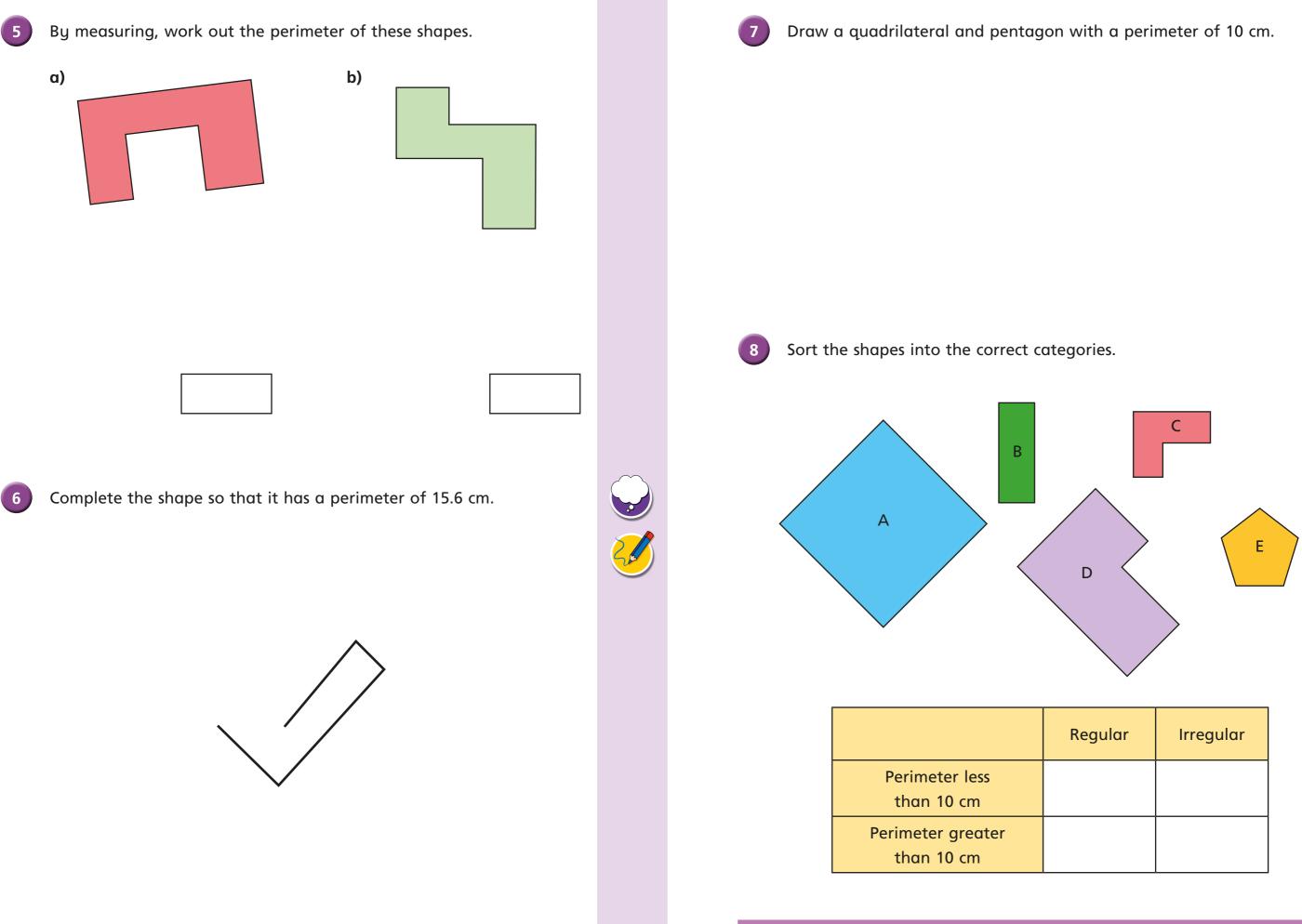






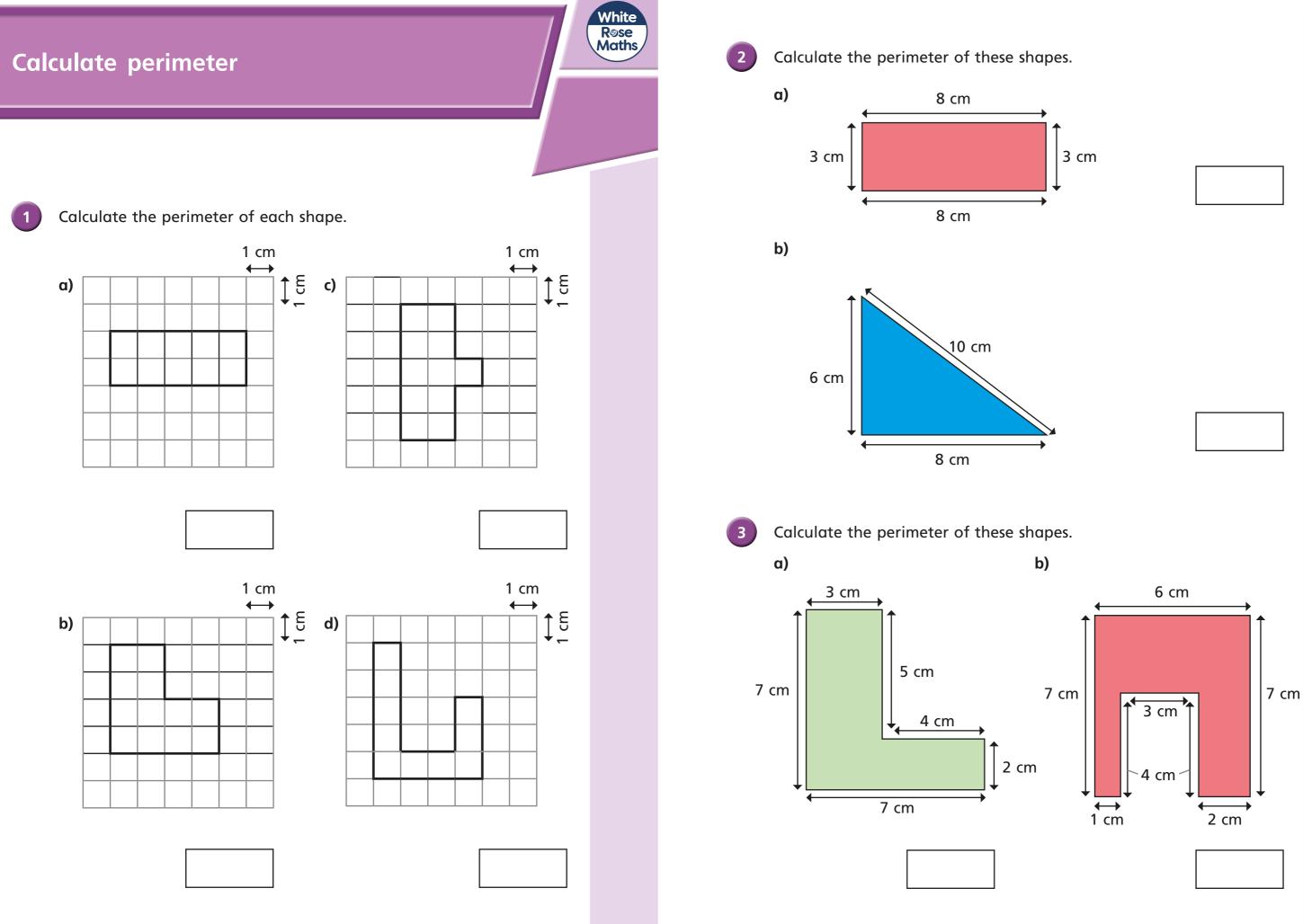






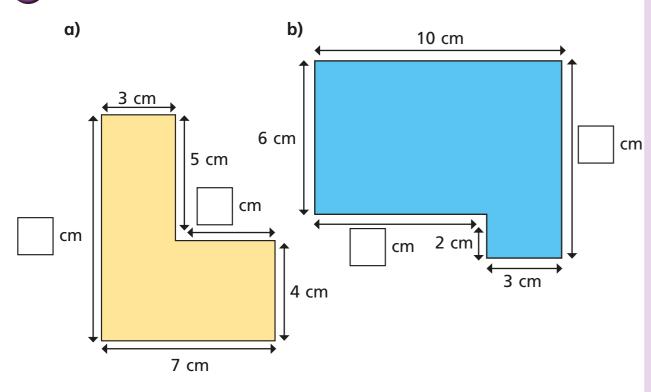






4

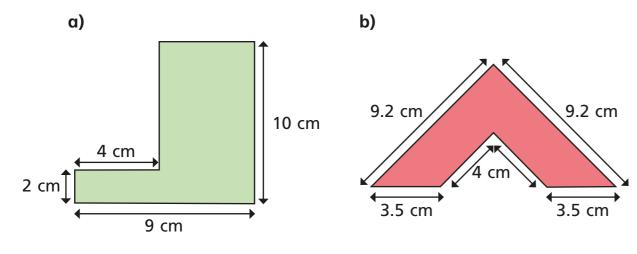
Work out the missing lengths on these shapes.



Discuss with a partner how you worked them out.

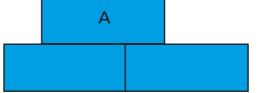


Calculate the perimeter of these shapes.



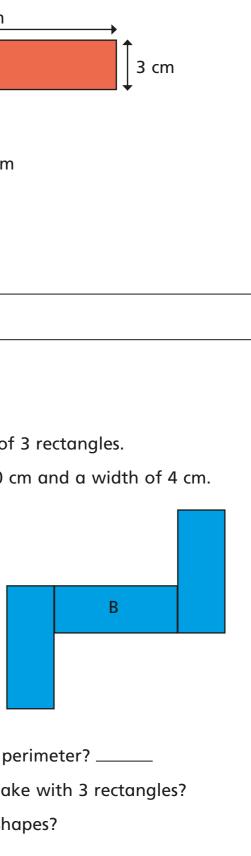


6 Mo thinks that there is not enough information to calculate the perimeter of the shape. Is he correct? How do you know? 17 cm 9 cm Rosie is making shapes made up of 3 rectangles. 7 Each rectangle has a length of 10 cm and a width of 4 cm. She makes these 2 shapes.



a) Which shape has the greatest perimeter? _____

b) What other shapes can you make with 3 rectangles? What is the perimeter of the shapes?









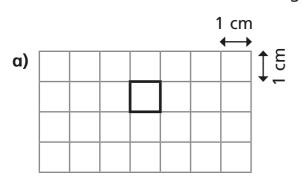


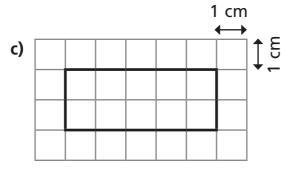
Area of rectangles

1

2

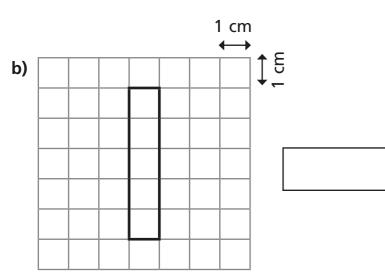
On the grid, the area of each square is 1 cm² Calculate the area of each rectangle.



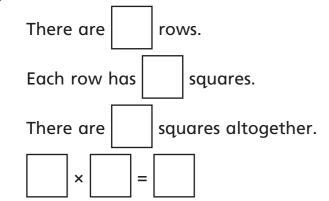


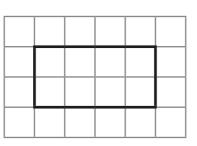






Complete the sentences to describe the rectangle.





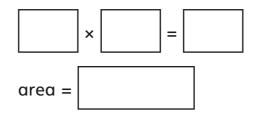
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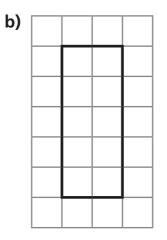
White R©se Maths

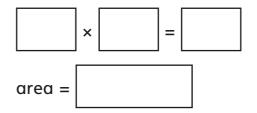
The area of each square is 1 cm²

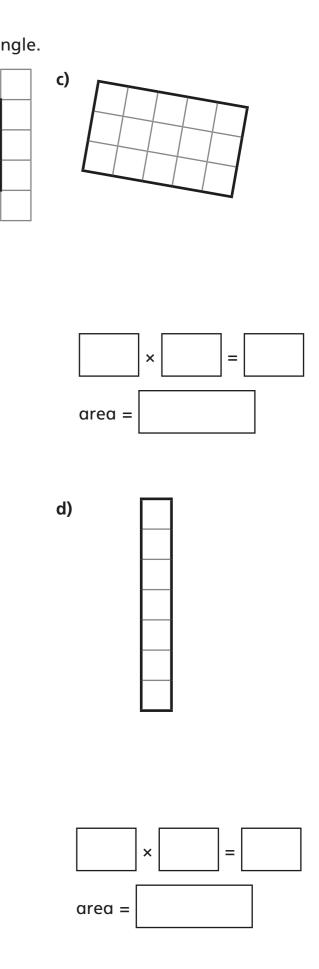
Work out the area of each rectangle.

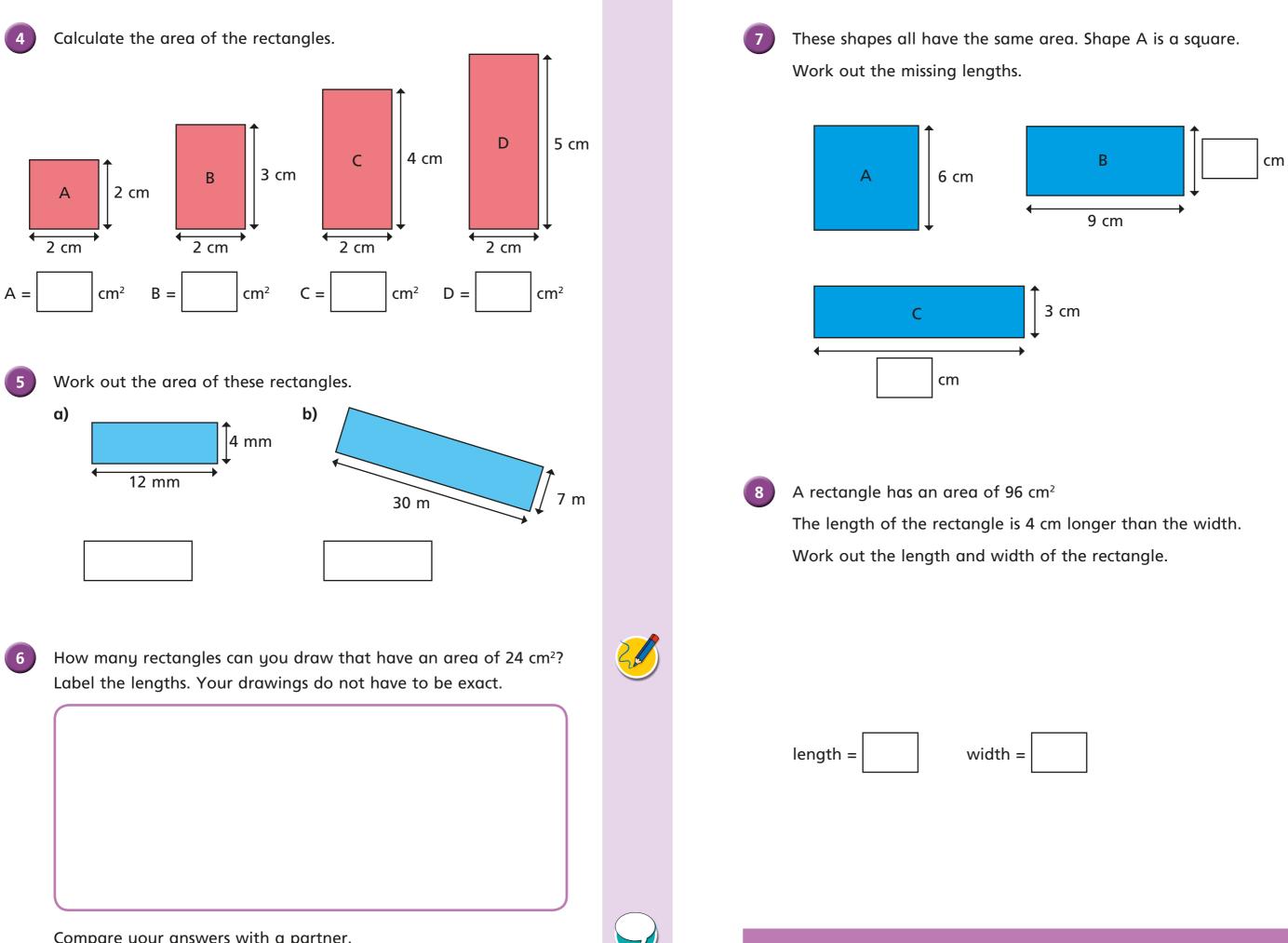
a)











Compare your answers with a partner.

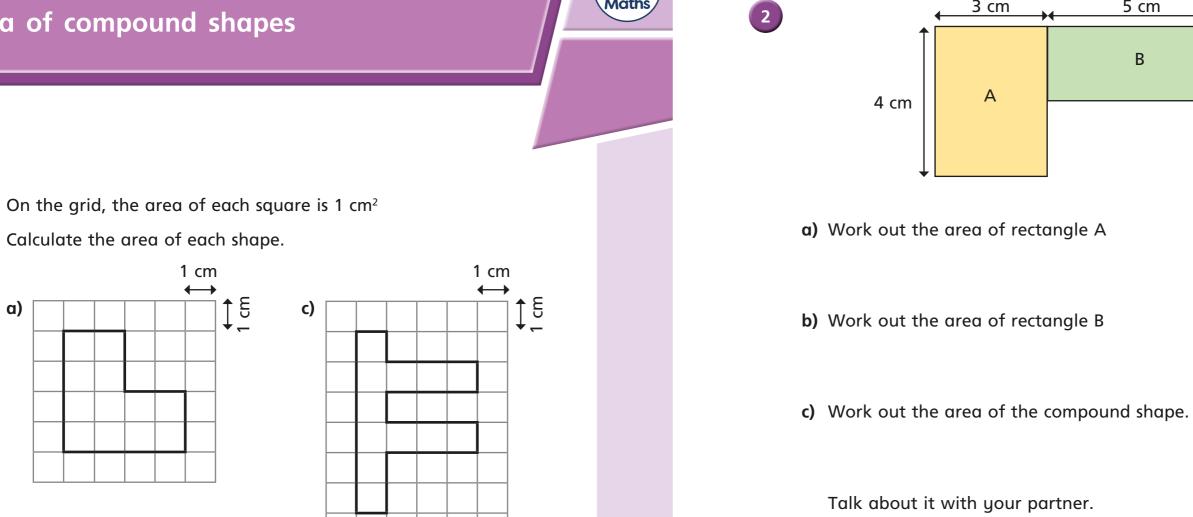




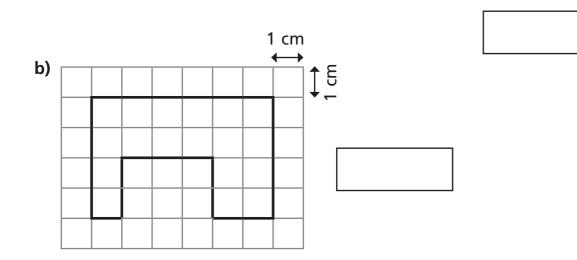
Area of compound shapes

1

a)

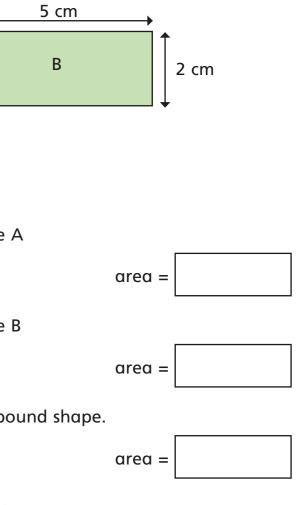


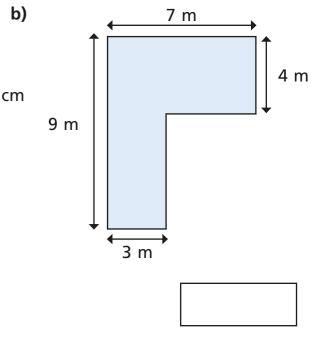
White R©se Maths



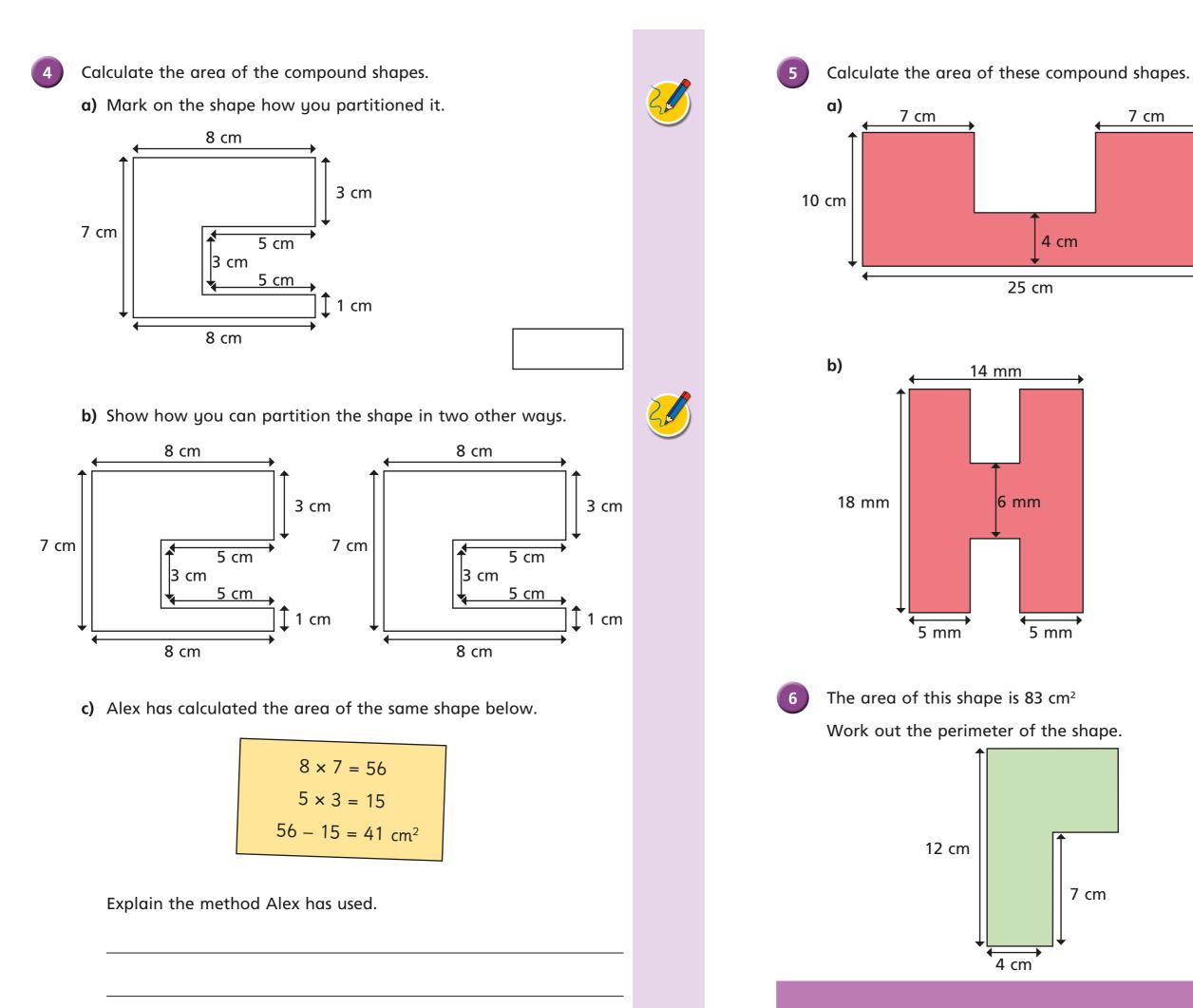
Work out the area of each of the following shapes. 3 Show all your working. a) b) 12 cm 8 cm 4 cm 9 m 3 cm

3 cm





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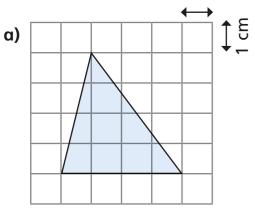


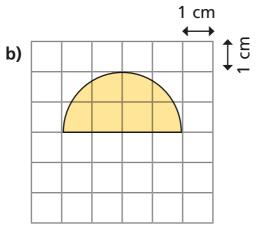






Area of irregular shapes 1 On the grid, the area of each square is 1 cm² Estimate the area of each shape. 1 cm







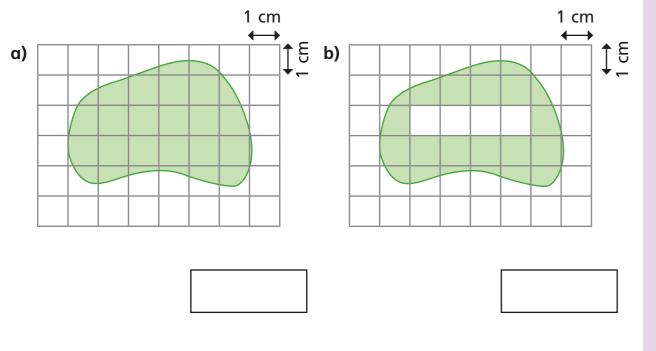


White R©se Maths



Mo draws two shapes on a cm² grid.

Estimate the area of each shape.



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How did you estimate the area of b)?

Talk about it with your partner.

nd your closed



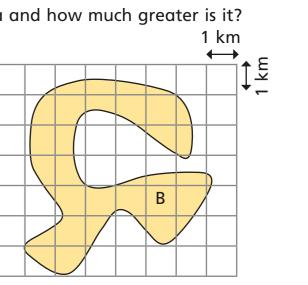


cm	ana	and e	estim	late	the d	area.			/		

c) Compare your estimates for a) and b). Do you notice anything?

Estimate the area of the forest.

and.



st area.

