
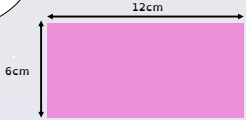



To be able to measure perimeters of rectangles 

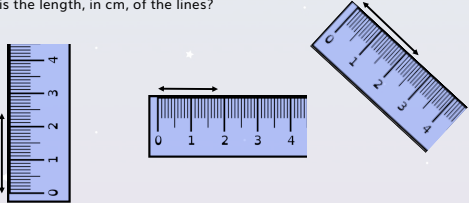
Starter:
True or false?


To find the perimeter of the rectangles, I could calculate
 $6 + 6 + 12 + 12$
 or $2 \times 6 + 2 \times 12$



To be able to measure perimeters of rectangles 


Activity 1:
What is the length, in cm, of the lines?




To be able to measure perimeters of rectangles 

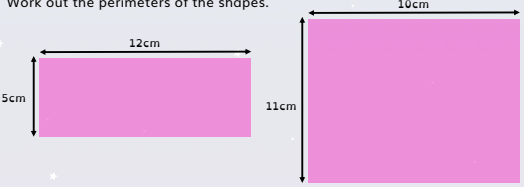
Activity 2:
Ruth is measuring the length of a line. Do you agree with her? Explain why.


I think the line is 2.4cm long.



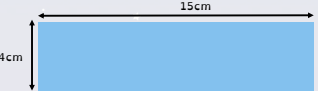
To be able to measure perimeters of rectangles 

Activity 3:
Work out the perimeters of the shapes.




To be able to measure perimeters of rectangles 

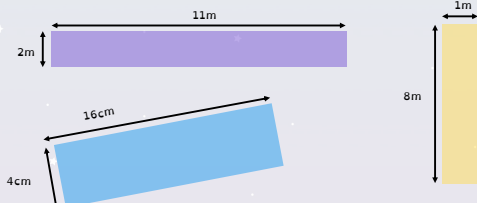
Activity 4:
Ruth, James and Chen are calculating the perimeter of the rectangle. What is the same and what is different about their methods?



Ruth: $15\text{cm} + 4\text{cm} + 15\text{cm} + 4\text{cm} = 38\text{cm}$
James: $15\text{cm} + 4\text{cm} = 19\text{cm}$ $19\text{cm} \times 2 = 38\text{cm}$
Chen: $2 \times 15\text{cm} = 30\text{cm}$ $2 \times 4\text{cm} = 8\text{cm}$ $30\text{cm} + 8\text{cm} = 38\text{cm}$

To be able to measure perimeters of rectangles 

Activity 5:
Work out the perimeter of the following shapes:

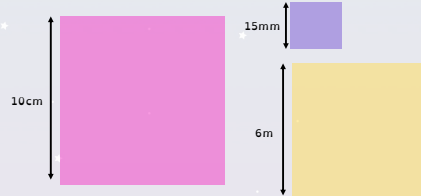


To be able to measure perimeters of rectangles



Activity 6:

Work out the perimeter of the squares.



To be able to measure perimeters of rectangles



Activity 7:

Draw and label a rectangle, square and triangle, each with a perimeter of 22cm.

To be able to measure perimeters of rectangles



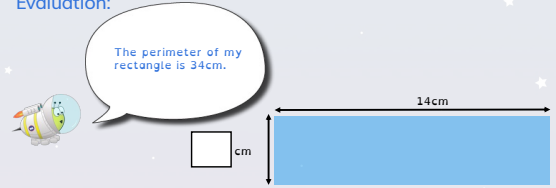
Activity 8:

The perimeter of a square is 88cm.
What is the side length of the square?

To be able to measure perimeters of rectangles



Evaluation:



Astrobee has drawn a rectangle. What is the width of the rectangle?