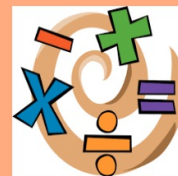


28.1.2021 Quick Maths



A

- $107 \times 3 =$
- $72 \div 4 =$
- $13 + \underline{\hspace{2cm}} = 150$
- $11, \underline{\hspace{1cm}}, \underline{\hspace{1cm}}, 44, 55, \underline{\hspace{1cm}}.$
- $512 - 147 =$

4m

12m

Area =

B

- $1273 + \underline{\hspace{2cm}} = 7843$
- $3, \underline{\hspace{1cm}}, \underline{\hspace{1cm}}, \underline{\hspace{1cm}}, 51, \underline{\hspace{1cm}}.$
- $598 \times 3 =$
- $722 \div 3 =$
- $3/5$ of $145 =$

178m

9m

Area =

Challenge



My garden is 48m long and 12m wide. How much turf will I need to cover $1/4$ of my garden?

Flashback 4

Year 4 | Week 4 | Day 3

- 1) What is the area of the shape?
Give your answer in squares.



- 2) Calculate $87 \div 5$
- 3) Multiply 26 by 4
- 4) Round 3,456 to the nearest 100

What we covered last lesson...

Area is _____

You can calculate area by

- _____
- _____

Can you remember how to calculate perimeter?

COMPARING PERIMETER AND AREA



Learning Objective:

Today I am learning to

- calculate the area and perimeter of 2D shapes
- compare area and perimeter using $<$, $>$ or $=$

Key Vocabulary

- | | |
|-------------|----------------|
| - area | - compare |
| - square | - equal to |
| - perimeter | - greater than |
| - 2D shape | - less than |

Success Criteria

I will be successful if I can

- calculate the area of regular 2D shapes
- calculate the perimeter of regular 2D shapes
- compare the perimeter and area of 2D shapes.

Area

The total space
inside of a shape.

True or False?



It can be calculated by multiplying length by width OR counting squares inside the shape.

Perimeter

The total distance
around the outside
of a shape.

True or False?



It can be calculated by adding up the lengths of all of the sides.

Area

- amount of space inside a shape.

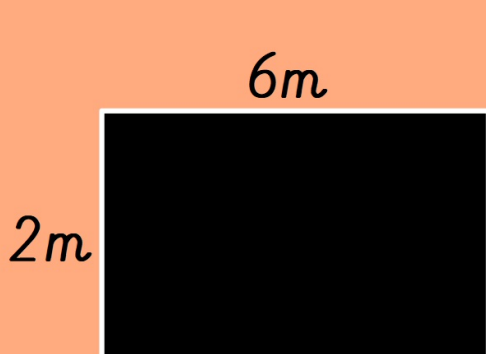
- can be found by calculating length x width OR counting the square units inside the shape.

Perimeter

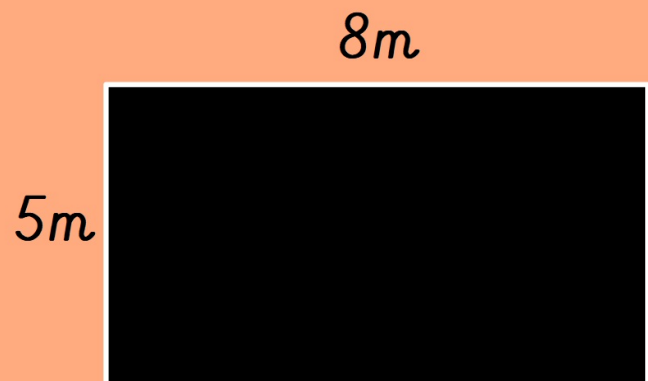
- total distance around the outside of a shape.

- can be found by adding up the length of all sides on the outside of a shape.

How can we calculate the area and perimeter of these shapes?

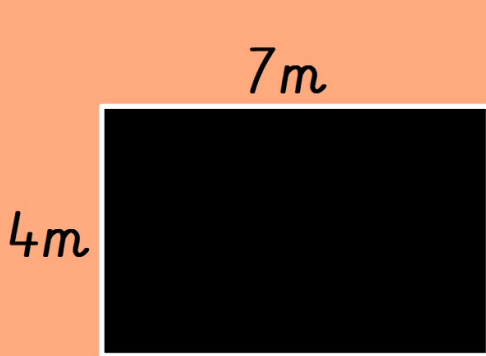


Area =
Perimeter =

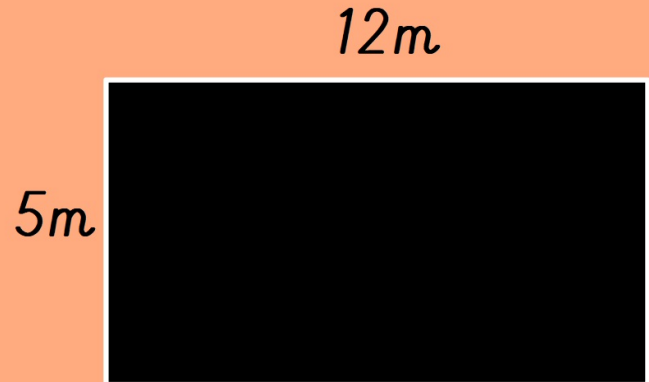


Area =
Perimeter =

How can we calculate the area and perimeter of these shapes?



Area =
Perimeter =

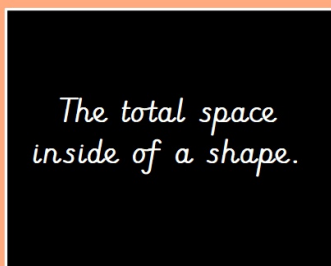


Area =
Perimeter =

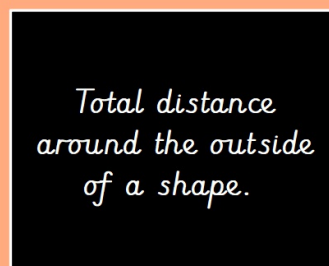
Show me what you know...

There is one central task today. Once you have finished this, please attempt the challenges available.

Area



Perimeter



COMPARING PERIMETER AND AREA



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