



Can you find these wooden shapes in the playground?

What name do we give to these 3D shapes?

Using a metre ruler, measure the height of each shape in cm and write your answers in the boxes below.

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Rearrange these numbers in order from lowest to highest in the boxes below.

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To find the mean average of a list of numbers, you must add all of the numbers in the list together and then divide by how many there numbers there are. What is the mean height of these shapes?



Can you find this wooden decking anywhere in the playground?

Are the grooves on the decking **parallel** or **perpendicular**?

How many grooves are there on each wooden board?

How many wooden boards are there altogether?

Use your last two answers to work out how many grooves there are altogether.

Using a metre ruler, measure the shortest and the longest wooden boards and write your answers in metres.

The shortest wooden board measures

The longest wooden board measures

How much longer is the longest wooden board than the shortest wooden board?



Can you find this number square in the playground?

Can you find three **odd** numbers that add together to make 31? Write them in the boxes below.

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Some numbers on this grid are special because their digits add together to make 9. Can you find them all and write them in the boxes below?


These numbers are all from the same times table. Which one?



Can you find this pebble border in the playground?

Count how many pebbles there are in the first metre of the border.

Using a metre ruler, measure the length of the pebble border and write your answer to the nearest metre.

Using your answers, can you **estimate** how many pebbles are in the border altogether?



There are 3 different shapes used to make this stone floor in the garden area; a big square, a small square and a rectangle. See if you can find them.

Using the metre ruler, calculate the perimeter of each shape (in centimetres) and write your answers in the boxes below.

The perimeter of the big square is

The perimeter of the small square is

The perimeter of the rectangle is

Can you calculate the area of any of these shapes?



Can you find these covers on the playground floor?

Count the number of **complete** squares **inside** the circle for each cover and write your answers in the boxes below.

Which circle do you think has the biggest circumference? Using a metre ruler and a piece of string, see if you can measure the circumference of these circles.



On the picture above, circle each of the following shapes **once**.

An equilateral triangle

A rectangle

A right-angled triangle

A square

An isosceles triangle

A trapezium

This building also has one line of symmetry. Please draw this onto the photo using a **dashed** line.

How many pairs of parallel lines can you see?