

LO: I can identify horizontal and vertical lines.

Parent Notes:

Children identify and find horizontal and vertical lines in a range of contexts.

They identify horizontal and vertical lines of symmetry in shapes and symbols.

Mathematical Talk:

What can you use to help you remember what a horizontal line looks like? (Hint: The horizon)

Can you see horizontal and vertical lines your house?

What do we call a line that is not horizontal or vertical?

Which shapes/symbols/letters have a horizontal/vertical line of symmetry? Which have both?

Can you draw your own shape that has a horizontal and vertical line of symmetry?

Questions:

Where a question asks you to look for examples in the classroom, obviously you will be looking for examples around you home.

1) Label these lines as horizontal or vertical:



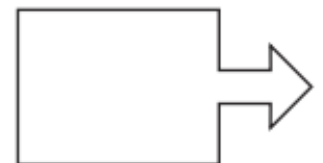
Now, find two examples of:

horizontal lines in the classroom _____

vertical lines in the classroom _____

2) Use a red colouring pencil to trace over the vertical lines and a blue colouring pencil to trace over the horizontal lines in this shape.

How many of each type are there? How many lines in the shape are neither horizontal nor vertical?



Vertical _____ Horizontal _____ Neither _____



- 1) Circle the images which have a vertical line of symmetry.
Tick the images which have a horizontal line of symmetry.
Remember that some could have both.



- 2) Find three items in the classroom that have both a horizontal and vertical line of symmetry.



- 1) Scott sorts the letters in this word into two groups:

SYMMETRICAL

He says:

The letters Y, M, T, I and A are the only symmetrical letters.

What mistake has he made?

- 2) Use squared paper to create a picture using **only** horizontal and vertical lines.
3) Investigate: Can you find a word, written in capitals, that has six vertical lines?

Write it here: _____

How many horizontal lines does it have? _____

