

Friday 24th April – Maths

Today we are going to consolidate all your work from this week. Remember you can always go back and check the answers if you can't remember anything.

1.

These lines are NOT parallel.



Convince me.

They are not parallel as they will meet.

2. If you don't have a printer, then just draw the flag in pencil in your book.

Then design your own flag with parallel and perpendicular lines.

Mark 3 sets of parallel lines and 3 sets of perpendicular lines in this flag.



Design your own flag containing parallel and perpendicular lines.

Answer

For example.



Challenge

Each of the following shapes has a value:

$$\triangle = 7 \quad \square = 17$$

The value of the red shapes changes in each of the following problems. Can you discover its value in each problem, if the values of the shapes are being added together?

$$(a) \triangle + \text{red semi-circle} + \square = 25$$

$$\text{red semi-circle} = 1$$

$$(b) \square + \triangle + \triangle + \text{red oval} = 51$$

$$\text{red oval} = 20$$

$$(c) \triangle + \triangle + \text{red pentagon} + \text{red pentagon} + \square + \square = 136$$

$$\text{red pentagon} = 44$$

$$(d) \text{red triangle} + \text{red triangle} + \text{red triangle} = 48$$

$$\text{red triangle} = 16$$

$$(e) \triangle + \text{red oval} + \triangle + \square + \triangle + \text{red oval} + \triangle = 100$$

$$\text{red oval} = 55$$