Friday 17th July 2020   Y3 Maths

Good morning Year 3s, as today is the last day of home learning, I have given you some fun maths puzzles. Enjoy and I will see you back at school in September.

Have a lovely break, Miss Bamber x

CAPTAIN'S SQUARE PUZZLE 4

Each salamander is worth a different value between 1 and 10.

The total of each vertical line of salamanders is worked out for you.

= 24   = 26   = 30   = 24

How much is each salamander worth?

SALAMANDER LINE-UP PUZZLE 4

Place the 6 Captain Salamanders in the squares on the board so that no captain is in the same line (either horizontal, vertical or diagonal) as another.

How many ways can you do it?

Puzzle time

Seven up!

Put the numbers

1, 2, 3, 4, 5, 6 and 7

in the circles so that each
straight line of three numbers
adds up to the same total.

You will need a bar
model to solve this one.

Kieron's cats

Kieron has three cats.
Each is a different weight.

The first and second weigh 7 kg altogether.
The second and third weigh 8 kg altogether.
The first and third weigh 11 kg altogether.

What is the weight of each cat?

Answers

CAPTAIN'S SQUARE PUZZLE 4 ANSWERS

Each salamander is worth a different value between 1 and 10.

The total of each vertical line of salamanders is worked out for you.
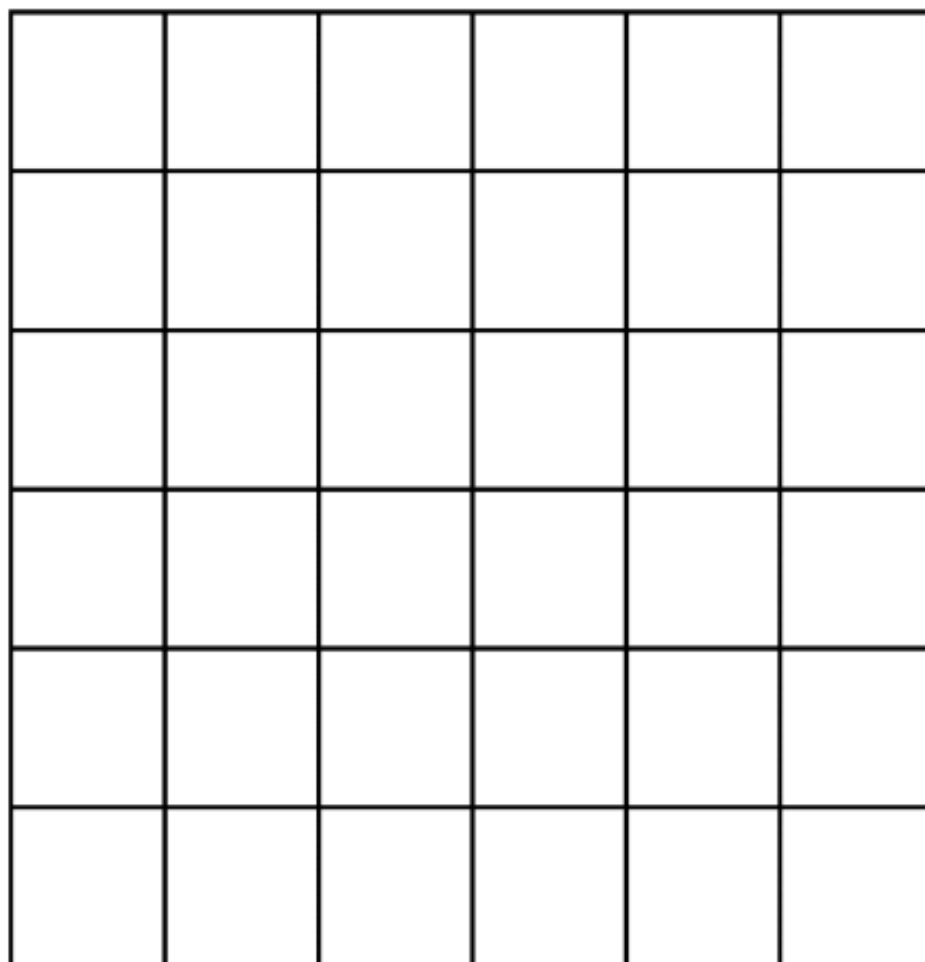

= 24   = 26   = 30   = 24

How much is each salamander worth?

9   7   4   6

Seven-up!

These lines all add up to 14

I expect you found this one not too tricky. And no wonder! There were several different ways of doing it!

Amazing eh, but you could have 7 in the middle, or 4 or even 1.

I've shown you one way above, can you work out others?

SALAMANDER LINE-UP PUZZLE 4 ANSWERS

Place the 6 Salamanders in the squares on the board so that no salamander is in the same line (either horizontal, vertical or diagonal) as another salamander.
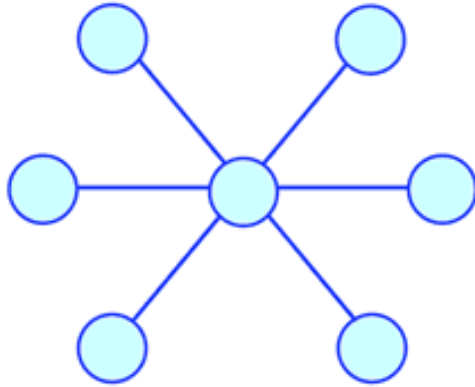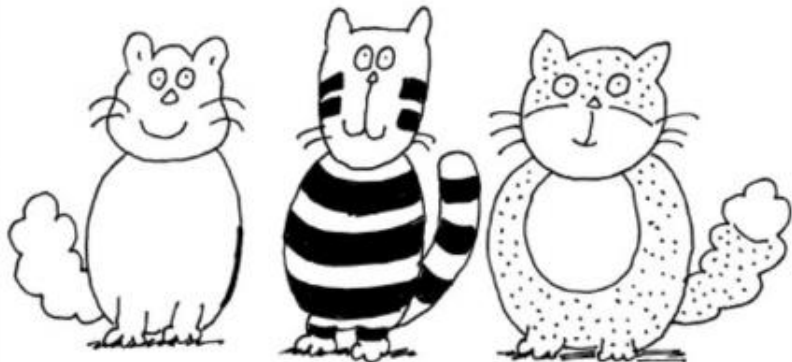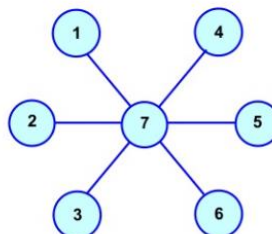
The 2 solutions to this puzzle are: