Here are some Puzzle Posters for your staffroom table, classroom wall or school corridors!

We'd love to see your students' solutions, so please post them on social media using the hashtag below. Enjoy!

#MathsWeekEngland

www.mathsweekengland.co.uk

SOCKS!

Cath has 31 socks in her drawer. There are 11 identical blue , 8 identical red and 12 identical black.

The lights aren't working and it is pitch black.

How many socks must Cath take from the drawer to guarantee that she will have at least one pair of each colour?

For solution, check this QR code.

The Zoo has a total of 29 giraffes and penguins. They are all perfect specimens.
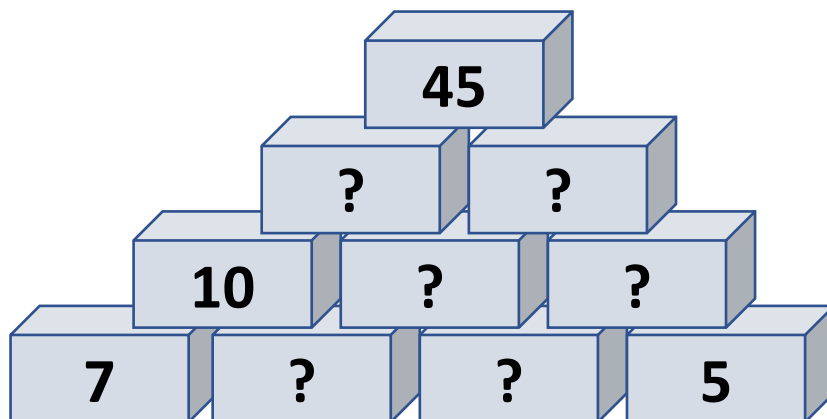
They have 84 legs in total.

How many giraffes and how many penguins are there?

BRICKS

The number on each brick is the sum of the numbers on the two bricks below it.

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              45
          ?        ?
      10      ?        ?
    7      ?      ?      5
```

Can you find the missing numbers?

THE RACE!

Posh, Scary, Sporty, Baby and Ginger had a race.

Posh beat Scary by as many places as Baby beat Ginger.

Neither Sporty or Ginger were 3rd or 5th.

In what order did they finish?

For solution, check this QR code.

TREASURE MAP!

Louisiana Smith is an archaeologist with a treasure map. She knows she has to tread on each stone once in the correct order before getting to the treasure.

4	🏺	6	1
8	3	2	2
9	2	4	4
1	6	9	8

Can you spot a logical sequence she should take?

For solution, check this QR code.