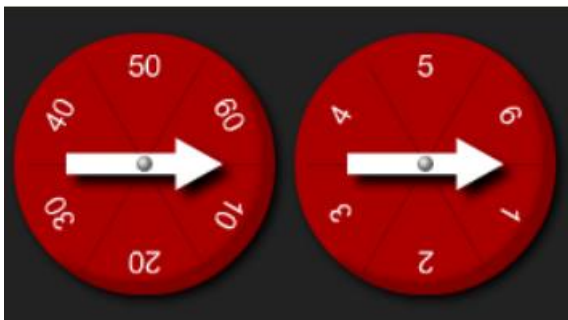# Maths Puzzler

January 2019

Happy New Year!

Here is a number sentence.

$$5 \times \boxed{} > 32$$

What is the smallest whole number that can be used to make the sentence correct?

What is the total shown on the two dice?

There are two spinners. The first spinner shows 10s and the second spinner shows 1s.
When you spin the two spinners, the numbers can be combined. For example, if the spinners land on 20 and 4, I can combine these numbers to make 24.
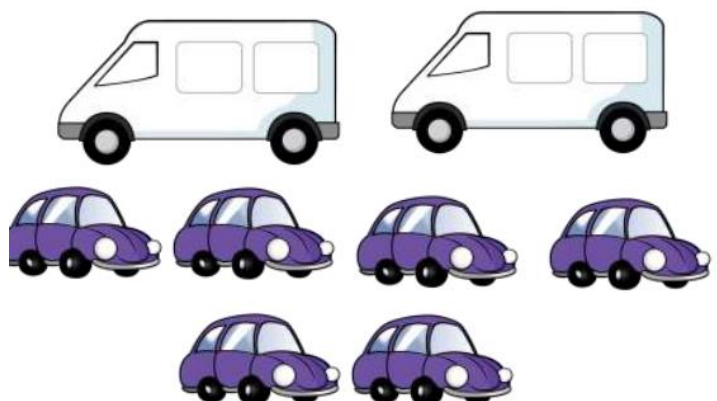
What is the smallest number that I can make?

What is the largest number that I can make?

62 people are going to a football game.

They can travel in a bus or car.

- A car can hold 5 people.
- A bus can hold 15 people.

They plan to use 6 cars and 2 buses.

Can they all travel to the game?

How many chocolates are in the box altogether?

How could we work out the answer to this problem quickly?

Missing Numbers!

20 = 27 - ....

10 + ... = 17 + 0

30 = ...+ 12

Which of these baskets has the smallest capacity?

Which has the largest capacity?

Bobby went swimming at 6 o'clock. He left the pool at quarter to seven. How long did Bobby spend at the swimming pool?

How many lines of symmetry does a square have?

Can you draw a shape that does not have any lines of symmetry?

Can you draw a shape that has only 1 line of symmetry?