

# Maths work for Monday 1<sup>st</sup> June 2020

15



## DAY FIVE

### Mental Maths Warm Up

Write the number nine thousand and seven in figures. \_\_\_\_\_

Multiply seventy two by one hundred. \_\_\_\_\_

What fraction of 1 metre is 25cm? \_\_\_\_\_

Write in millilitres 1.6 litres. \_\_\_\_\_

What is 86 add 15? \_\_\_\_\_

What is 127 take away 35? \_\_\_\_\_

What is double 190? \_\_\_\_\_

What is 6 multiplied by 13? \_\_\_\_\_

How many weeks are equivalent to 56 days? \_\_\_\_\_

What fraction of 1 metre is 75cm? \_\_\_\_\_

What is 50% of £12.50? \_\_\_\_\_

What is the difference between 100 and 27? \_\_\_\_\_

### **Making an estimate**

Which of these number sentences have the answer that is between 0.5 and 0.6

11.74 - 11.18

33.3 - 32.71

### True or false?

0.1 of a kilometre is 1m.

0.2 of 2 kilometres is 2m.

0.3 of 3 Kilometres is 3m

0.25 of 3m is 500cm.

2/5 of £2 is 20p

### **Spot the mistake**

0.088, 0.089, 1.0

### **What comes next?**

1.173, 1.183, 1.193

<https://www.topmarks.co.uk/maths-games/daily10>



Choose your level, your topic and the type of numbers you want to work with. Can you beat the clock?

## Main Maths Activity

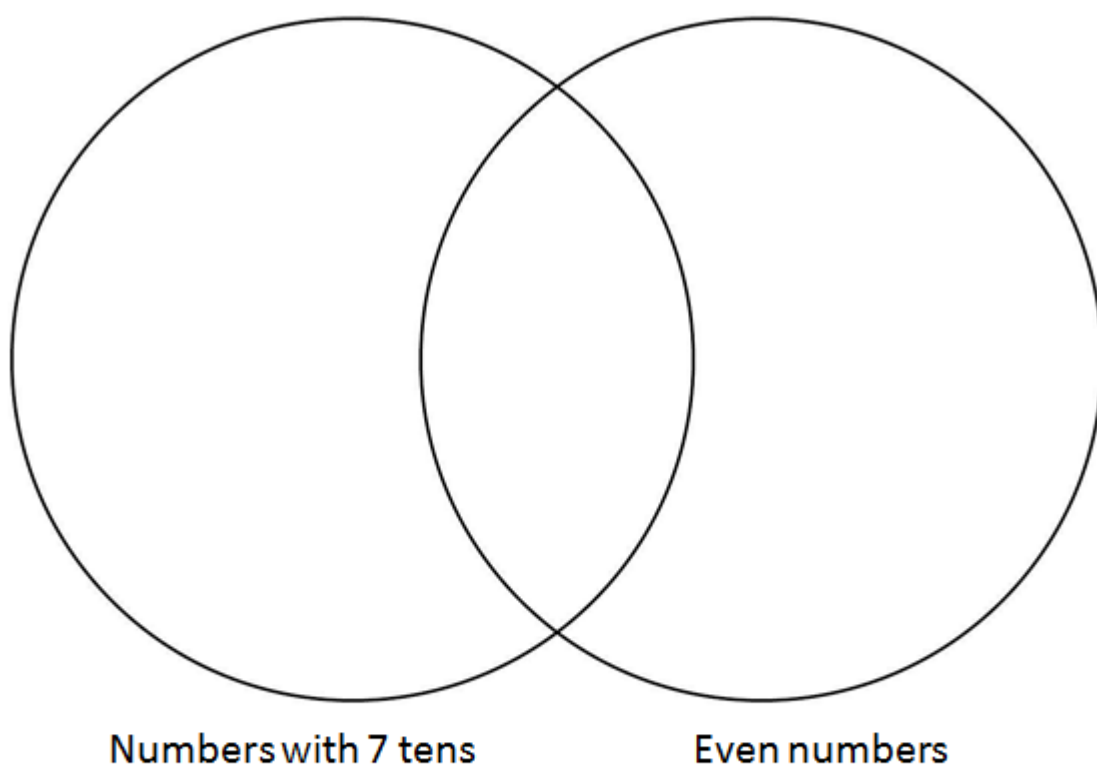
### Venn and Carroll diagrams.

A Venn diagram is a visual way of sorting different objects or numbers into overlapping circles with different rules, with anything in the overlapping part sharing both rules.

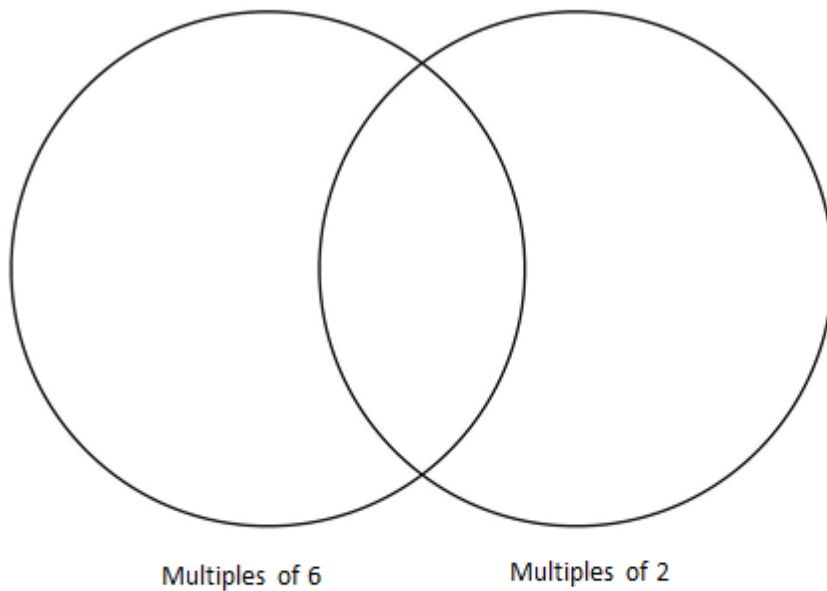
A Carroll diagram is a way of organising information and grouping according to what criteria it fits into.

### Let's have a go!

We'll start with an easy one:

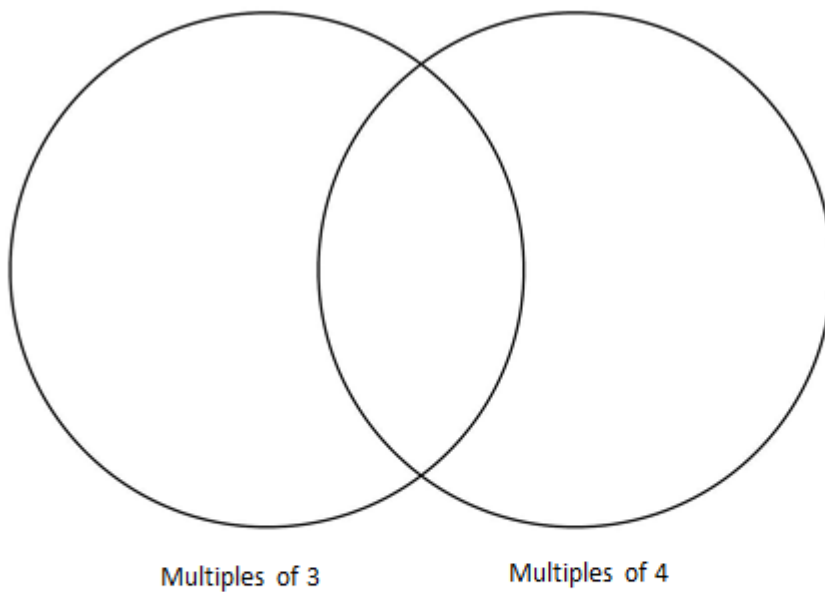


70 73 78 98 106



**36 12 18 30 42 54 66**

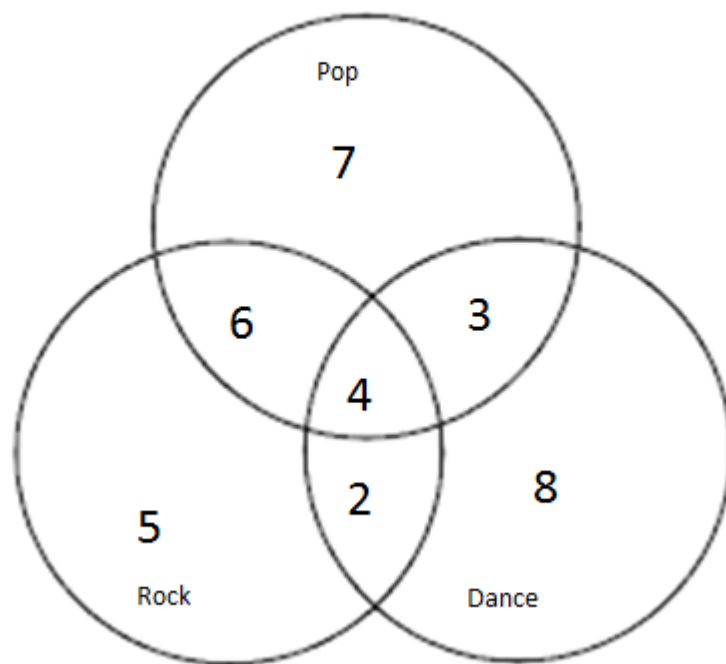
What do you notice about this Venn diagram once you have completed it?



**6 12 9 32 18 40 55 100 33 27 31**

Were there numbers in all three of the sections? Was there anything different about this Venn diagram? Why?

A Venn diagram showing the favourite types of music in Class 9



How many children liked only pop? \_\_\_\_\_

How many children liked rock and dance? \_\_\_\_\_

How many children liked only rock? \_\_\_\_\_

How many children liked dance and pop? \_\_\_\_\_

How many children liked all three types of music? \_\_\_\_\_

How many children didn't like any of these types of music? \_\_\_\_\_

How many children were involved in this survey? \_\_\_\_\_

	in the 5 x table	in the 3 x table
in the 7 x table		
in the 2 x table		

Carroll diagrams are quite easy.

Can you put these numbers in the correct place above?

50 24 35 6 36 10 40 21 18 12