

Good Morning... Do Now Task

1. Write down all of the prime numbers between 18 and 35
2. $7^2 =$
3. $3^3 =$
4. $\sqrt{16} =$
5. $-6 + 4 =$
6. $-7 - 2 =$
7. $4 + 3 \times 2 =$
8. $(4 + 3) \times 2 =$

Extension

What is the *sum* of the first 5 square numbers?

What is the *product* of the first 3 cube numbers?



Form Session 3.5

What will I learn today?

How to find multiples of a number

Why will I learn it?

To help us when we are working with sequences

Key vocabulary for today's lesson:

Multiple

Common

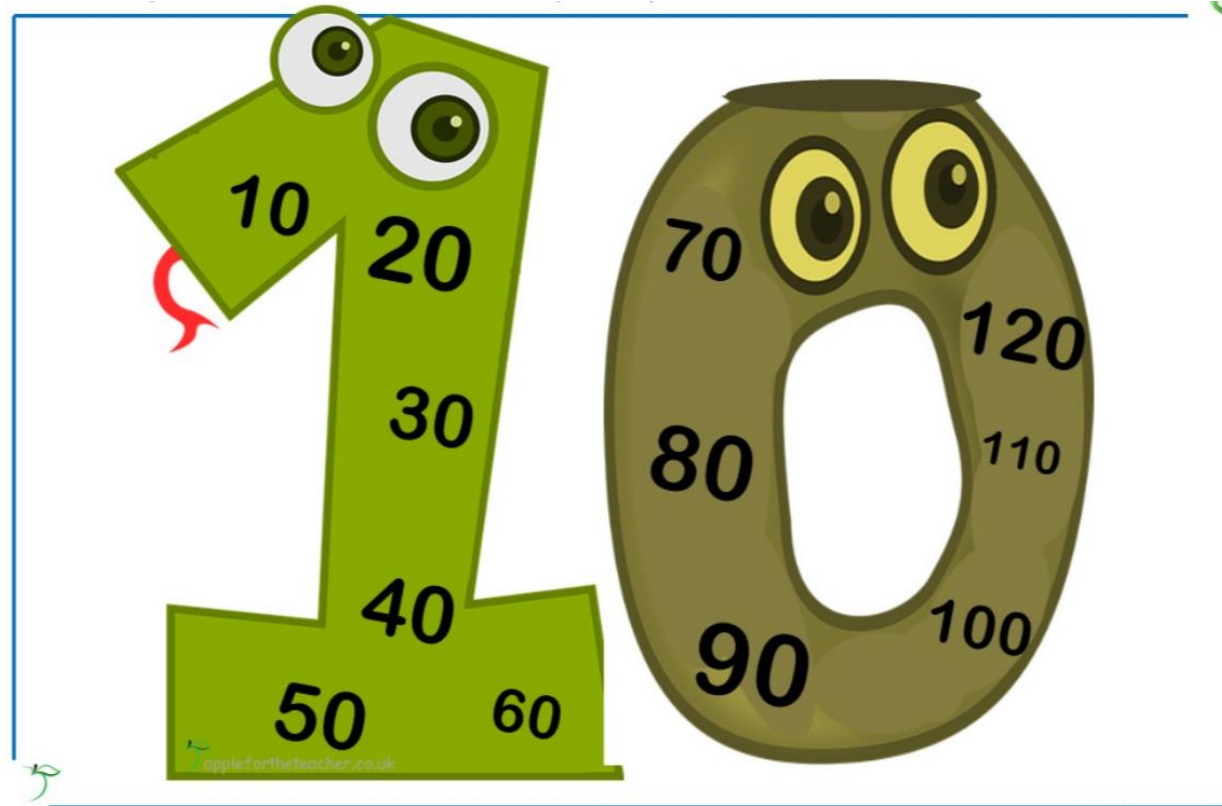


St Anne's
Church of England Academy

The best for everyone
The best from everyone
We have faith in our future

Multiples: Let's do together

Here are some multiples of 10:



Multiples: Let's do together

Here are some multiples of 5:



Multiples: Let's do together

So what is a multiple?

Sounds like... multiplication!

What are the first five multiples of 6?

On your whiteboards...

Write down the
first six
multiples of 8

On your whiteboards...

Write down the
first eight
multiples of 6

On your whiteboards...

Write down the
first nine
multiples of 12

Multiples - You Do

- Question 1:
- (a) Write down the first ten multiples of 2.
 - (b) Write down the first ten multiples of 3.
 - (c) List the first three common multiples of 2 and 3.

- Question 2:
- (a) Write down the first ten multiples of 4.
 - (b) Write down the first ten multiples of 5.
 - (c) List the first three common multiples of 4 and 5.

Extension

Write down the first eight multiples of 17

Write down the first five multiples of 2.5

Write down the first five multiples of -4

Multiples- Mark your answers!

Question 1:

(a) 2, 4, 6, 8, 10, 12, 14, 16, 18, 20

(b) 3, 6, 9, 12, 15, 18, 21, 24, 27, 30

(c) 6, 12, 18

Question 2:

(a) 4, 8, 12, 16, 20, 24, 28, 32, 36, 40

(b) 5, 10, 15, 20, 25, 30, 35, 40, 45, 50

(c) 20, 40, 60

Extension

17, 34, 51, 68, 85, 102, 119, 136

2.5, 5, 7.5, 10, 12.5

-4, -8, -12, -16, -20