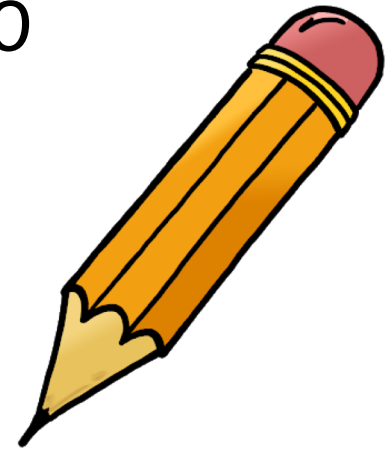# Year 6

Thursday 2nd April 2020

Maths

Let's get active with Joe Wicks

Choose a [Joe Wicks](link) work out for kids!

Maths: Active

Perform high knees and punches while you recite a times table you find challenging, for example:

1 x 8 = , 2 x 8 = up to 12 x 8 =

Can you do it backwards?

12 x 8 =, 11 x 8 = ...

Maths: Ratio revision

Ratio:

Is an unequal sharing of an amount and compares the size of different parts (or portions) with each other.

- E.g. Harry and Dele share their earnings in a ratio of 3:2

Proportion:

Compares the size of the part (or portion) to the size of the whole – like a fraction.

- E.g. Harry received a proportion of £120 out of £200 and the proportion of money that Dele receives is £80 out of £200.

Maths: Ratio revision

Explain   Write

A packet of Haribo contains 10 sweets.

What different ways could you **unfairly** share the sweets among...

4 people

3 people

2 people

Maths: Ratio revision

Varied Fluency

1. Complete the sentences.

For every two blue flowers there are ____ pink flowers.
For every blue flower there are _____ pink flowers.

2. Use cubes to help you complete the sentences.

For every ____ 🟡, there are ____ 🔵

For every 8 🟡, there are ____ 🔵

For every 1 🔵, there are ____ 🟡

3. How many "For every..." sentences can you write to describe these counters?

Maths: Ratio revision

Explain

Write

4. Ron plants flowers in a flower bed.
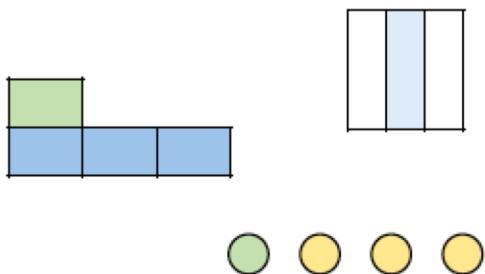For every 2 red roses he plants 5 white roses.

He says,

$\frac{2}{5}$ of the roses are red.

Is Ron correct?

5. Which is the odd one out?
Explain your answer.

6. There are some red and green cubes in a bag. $\frac{2}{5}$ of the cubes are red.

True or False?

- For every 2 red cubes there are 5 green cubes.
- For every 2 red cubes there are 3 green cubes.
- For every 3 green cubes there are 2 red cubes.
- For every 3 green cubes there are 5 red cubes.

Explain your answers.

Riddle of the Day

Yesterday's answer: David's parent have three sons: Snap, Crackle and **David!**

Riddle: What has 88 keys, but cannot open a single door?