

Homework set- Friday 15th November

Homework due in - Wednesday 20th November

Year 6 have been learning about ratio and the multiplicative relationship between numbers. For your homework I would like you to spend time practising some ratio challenges. There are 3 different challenges, start at challenge 1 and work your way through. Aim to spend about 30 minutes on this, getting up to whichever challenge you do in this time. Record the answers in your homework book.

Challenge 1

- Complete the sentences.



For every _____ red counters, there are _____ blue counters.

The ratio of red counters to blue counters is _____ : _____

For every _____ blue counters, there are _____ red counters.

The ratio of blue counters to red counters is _____ : _____

Challenge 2

Aisha draws a bar model to show the ratio of yellow to purple gummy bears.



Complete the sentences.

The ratio of yellow gummy bears to purple gummy bears is _____ : _____

The ratio of purple gummy bears to yellow gummy bears is _____ : _____

Challenge 3

Write the ratio of:

- bananas to strawberries
- cherries to strawberries
- strawberries to bananas to cherries
- cherries to strawberries to bananas

Draw a bar model to represent each ratio.



Challenge 4

In a box, there are some red,
blue and green pens.

The ratio of red pens to
green pens is 3 : 5



For every 1 red pen, there are
2 blue pens.



There are 6 red pens in the box.

How many green pens are there?

How many blue pens are there?

Write the ratio of red pens to blue pens
to green pens.