Spring: Block Six

Ratio

Lesson Two:

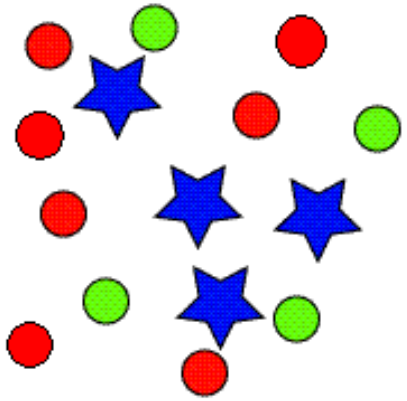
Lesson Objective: To use ratio alongside fractions.

ANCHOR TASK:

Explain your understanding of the following fraction.

$$\frac{4}{5}$$

MATHEMATICAL FLUENCY:



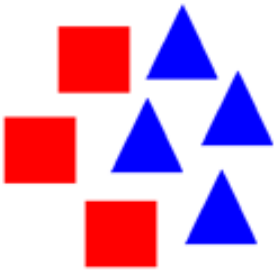
There are ..... shapes in total. This represents my .....

There are ..... stars. As a fraction, this is .....

There are ..... red circles. As a fraction, this is .....

There are ..... green circles. As a fraction, this is .....

MATHEMATICAL FLUENCY:

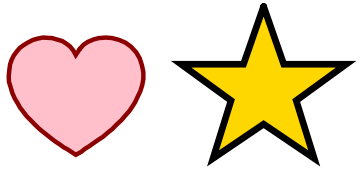


There are ..... shapes in total. This represents my .....

There are ..... squares. As a fraction, this is .....

There are ..... Triangles. As a fraction, this is .....

MATHEMATICAL FLUENCY:



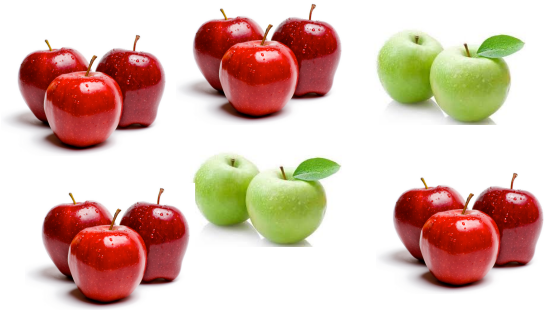
There are ..... shapes in total. This represents my .....

There are ..... hearts. As a fraction, this is .....

There are ..... squares. As a fraction, this is .....

MATHEMATICAL FLUENCY:

Complete the sentences



The number of red apples is _____ times the number of green apples.

There are ..... red apples. As a fraction, this is .....

There are ..... green apples. As a fraction, this is .....

MATHEMATICAL FLUENCY:

Complete the sentences

The number of red apples is _____ times the number of green apples.

There are ..... red apples. As a fraction, this is .....

There are ..... green apples. As a fraction, this is .....

MATHEMATICAL FLUENCY:

Complete the sentences

For every ____ pink roses there are ____ yellow roses.

For every ____ yellow roses there is ____ red rose.

If I had nine yellow roses, I would have _____ pink roses.

MATHEMATICAL FLUENCY:

Complete the sentences

For every ____ pineapples there is ____ onion.

For every ____ onions there are ____ tomatoes.

If I had four tomatoes, I would have _____ pineapples.

MATHEMATICAL FLUENCY:

Using the images below, create your own ratio problems.

REASONING AND PROBLEM SOLVING:

Harry plants flowers in a flower bed.

For every 8 daffodils he plants 10 orchids/

He says,

8/10 of the plants are daffodils.

Is Harry correct?

REASONING AND PROBLEM SOLVING:

ALWAYS? SOMETIMES? NEVER?

A ratio is a pair of numbers.

REASONING AND PROBLEM SOLVING:

ALWAYS? SOMETIMES? NEVER?

The value of the ratio 2:5 is 2/5.

REASONING AND PROBLEM SOLVING:

ALWAYS? SOMETIMES? NEVER?

The ratio 2:4 is equivalent
to the ratio 4:2.