RECALL

$$\frac{5}{20}$$

Can you think of as many other fractions which are equivalent to this fraction?

How did you find them?

Explain the difference between:

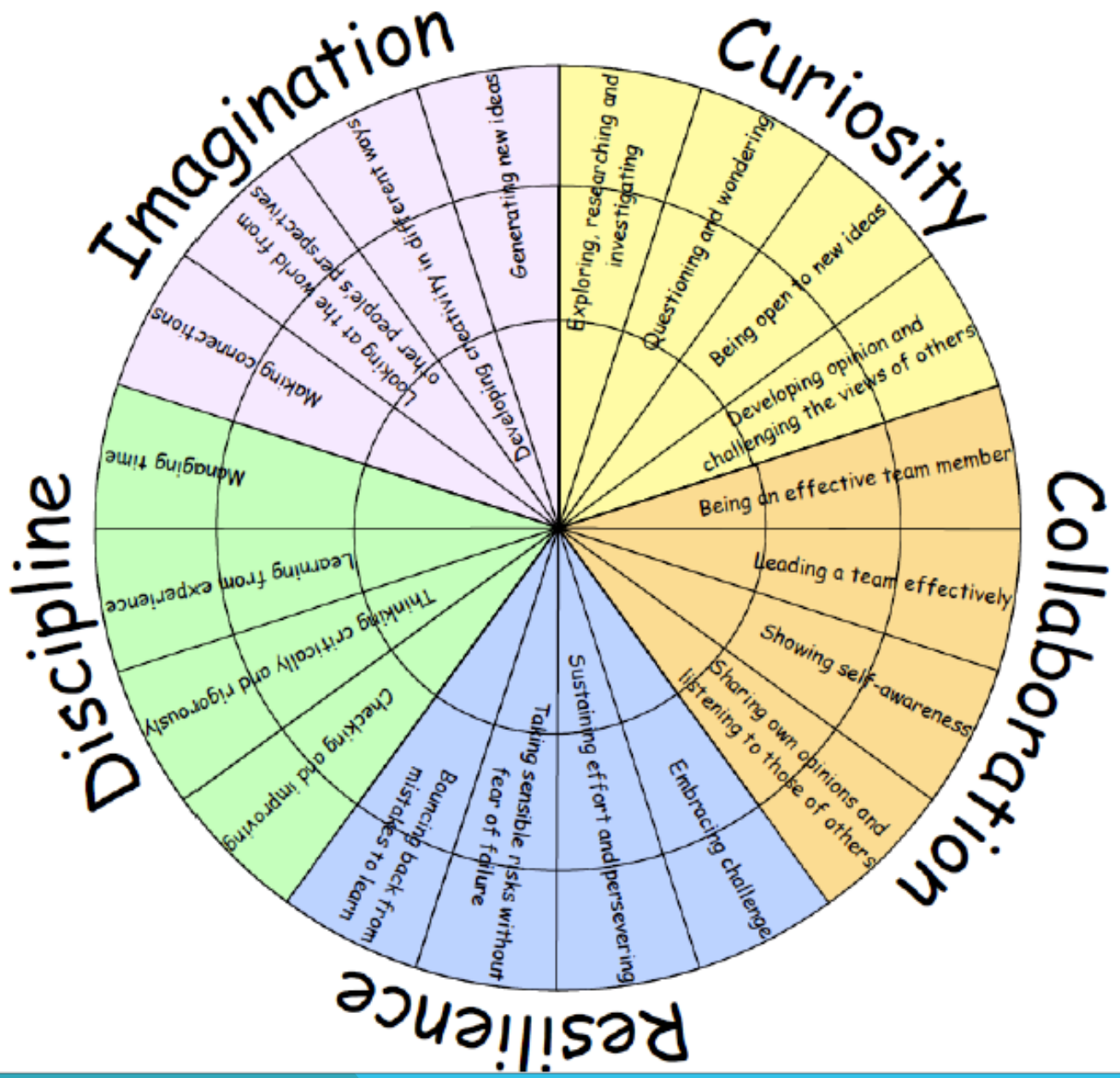
a) Equivalent fractions

b) Simplified fractions

I CAN IDENTIFY THAT A PROBLEM CAN BE WRITTEN AS A RATIO

PERCENTAGE AND RATIO (15V)

LEARNING HABITS



GUIDED PRACTICE

Write as many ratio sentences as you can using this picture.

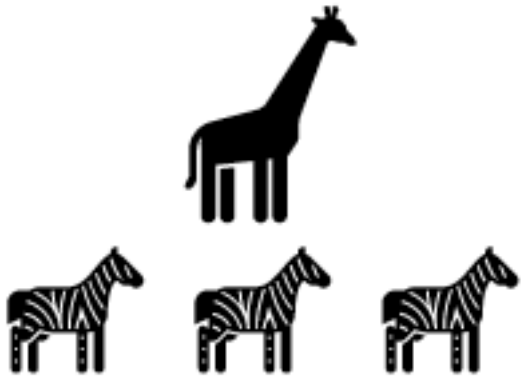
INTELLIGENT PRACTICE

Complete the sentences from the pictures:

There is ____ giraffe.

There are ____ zebras.

For every ____ giraffe, there are ____ zebras.



Complete the sentences from the pictures:

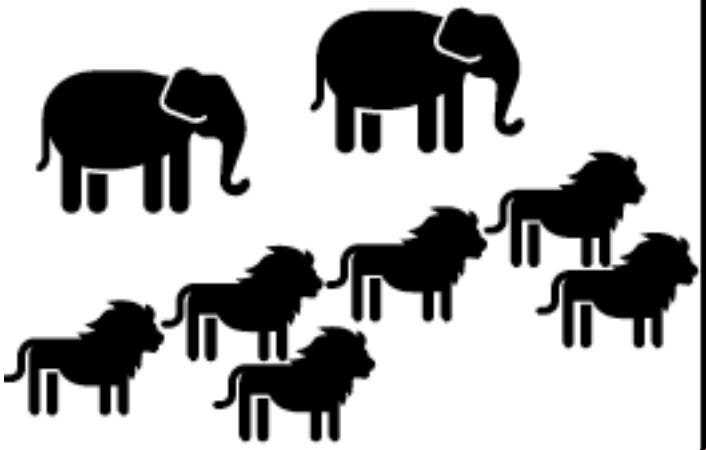
There are ____ elephants.

There are ____ lions.

For every ____ elephant, there are ____ lions.

This can be simplified to:

For every ____ elephant, there are ____ lions.



INTELLIGENT PRACTICE

Write a ratio sentence about the following picture:

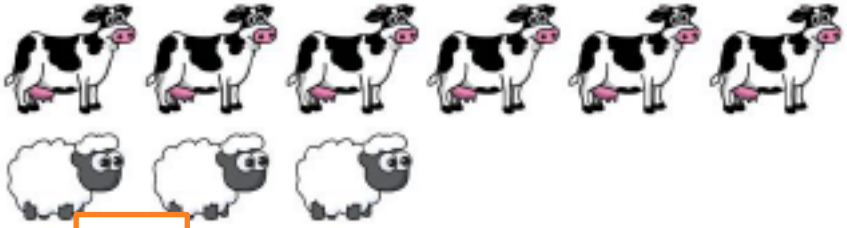
For every _____, there are _____.

Can you simplify this?

_____

DIVE DEEPER 1

1) Complete the sentences:



a) For every 3 sheep, there are ____ cows.

b) For every 1 sheep, there are ____ cows.

c) For every 2 cows, there is ____ sheep.

2) Complete the sentences:

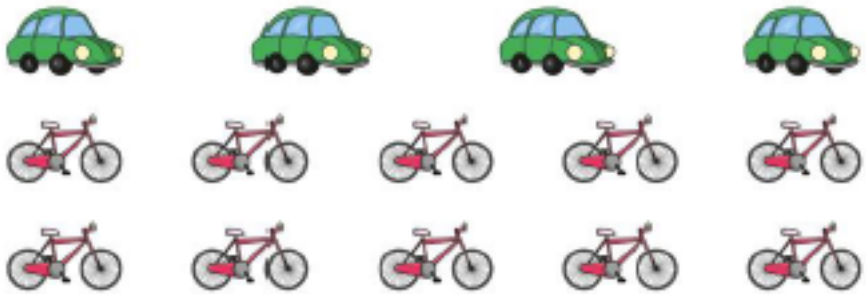
a) For every 4 footballs, there are ____ tennis balls.

b) For every 2 footballs, there are ____ tennis balls.

c) For every 1 footballs, there are ____ tennis balls.

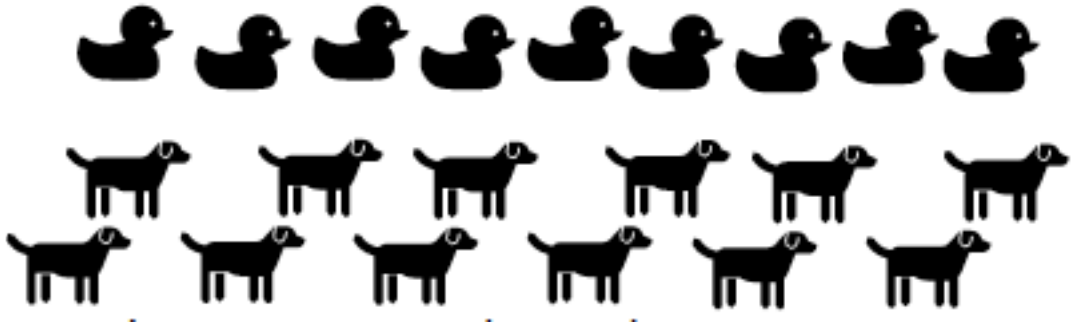
DIVE DEEPER 2

3) For every 2 cars, there are 5 bicycles.



Circle groups to show this statement.

4) For every 3 ducks, there are 4 dogs.

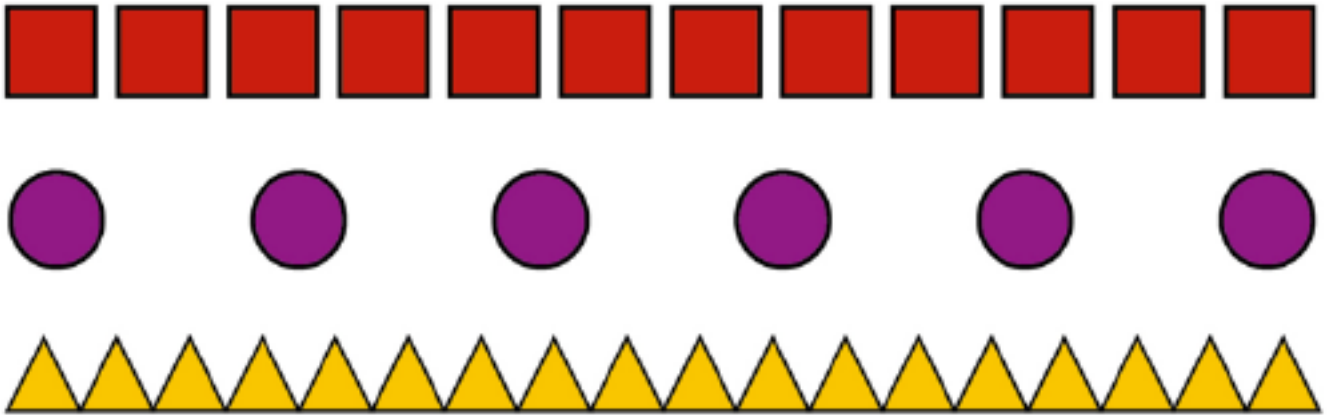


Circle groups to show this statement.

5) Make a line of counters so that it has 3 red counters for every 1 green counter.

DIVE DEEPER 3

6) Here are some shapes:



Complete the sentences:

a) For every 6 squares, there are ☐ circles.

b) For every 6 squares, there are ☐ triangles.

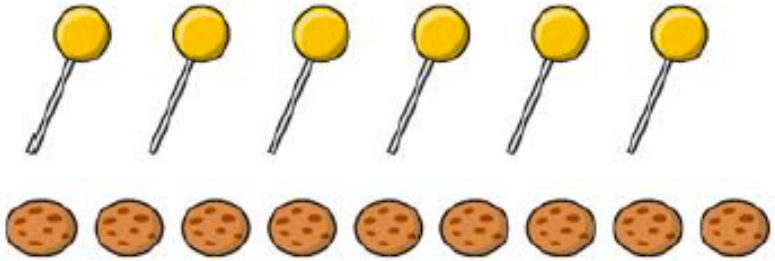
c) For every 3 circles, there are ☐ triangles.

7) In a school, for every 2 girls, there is 1 boy.

How many boys would there be if there was 10 girls? ☐

DIVE DEEPER 4

9)



Annie says that there are 3 lollipops for every 2 cookies.

Do you agree?

Explain your answer

10) I mixed two glasses of lemonade.

Glass 1: 200mil of lemon juice and 300ml of water
Glass 2: 100ml of lemon juice and 200ml of water.

Which glass will have the stronger lemonade mixture?

How do you know?

SELF-ASSESSMENT

- Some will even begin to understand that ratios can be represented as fractions
- Some will be ably to clearly state simplified ratios and draw representations of them
- Most will be able to identify and simplify ratios
- All will be able to identify ratios