



HOME LEARNING

YEAR 5

21/04/2020

Morning Message

Good morning Year 5,

We hope you enjoyed yesterday's learning and wrote some fantastic setting descriptions (we are sure you did!). We wanted to wish Ana a delayed Happy Birthday for the 12th April. We hope you had a lovely day celebrating your birthday!

We know how much year 5 love riddles, so each day we're going to give you a riddle to try and answer. Here is today's:

What is full of holes but still holds water?

Today we've got a new picture for you to use for your writing and we will be continuing with multiplying fractions in maths.

Mr McCann and Ms Gayer

p.s we hope you are all keeping your rooms tidy. So we also want to set you a challenge of tidying your room!

Today's Picture



Writing

Write a short story using the opener below:

Flying is supposed to be fun, right? [Choose a girl's name] often dreamed about what her first flight would be like. She'd imagined it was like being a bird; free and weightlessly drifting through the clouds. The first part of the journey had been exactly as she'd hoped it would be. [Choose a dog's name] agreed, signalling his enjoyment by barking enthusiastically from the co-pilot's seat. Things were about to take a drastic turn for the worse...

Remember:

- Create tension and atmosphere through your vocabulary choices and use of short sentences
- Develop character using speech and show not tell
- Create imagery by including powerful vocabulary, suitable figurative language and parentheses.

Reading

Day 2 - Glossary

Use a dictionary to write definitions and sentences for the words you didn't understand or underlined. If you think you know all the words pick the trickier words and prove that you know them by defining them and use them in a sentence. Make sure to get an adult to check that you are right.

Tricky words: gangly, detention, puffiest, ingenious, insightful

Maths

Fractions (Lesson 2)

Multiplying fractions

In maths today you will multiply a whole number and a non-unit fraction together. You will convert between improper fractions and mixed numbers to make sure the answers are in their simplest form. It may help to draw a bar model when answering some questions.

Key vocabulary: addition, multiply, multiplication, convert and simplify.

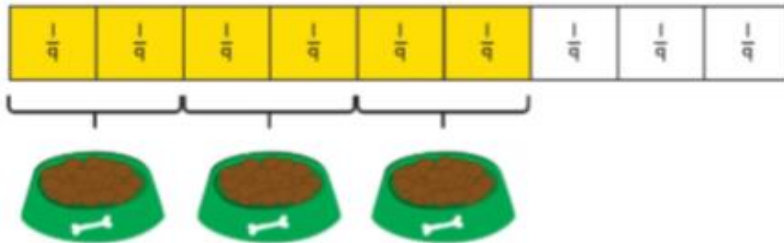
Discover



- 1** a) What fraction of the box is needed each day for the 3 dogs?
- b) How many boxes of dog food will Lexi and her mum need to buy to feed the dogs for 5 days?

Share

- a) Each dog needs $\frac{2}{9}$ of the box. There are 3 dogs.



Using addition: $\frac{2}{9} + \frac{2}{9} + \frac{2}{9} = \frac{6}{9} = \frac{2}{3}$

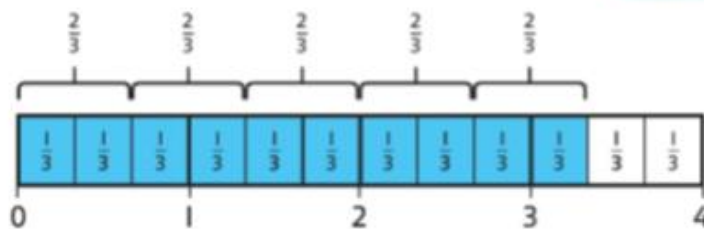
Using multiplication: $\frac{2}{9} \times 3 = \frac{6}{9} = \frac{2}{3}$

$\frac{2}{3}$ of the box is needed each day for the 3 dogs.

- b) Each day the dogs need $\frac{2}{3}$ of a box.

There are 5 days.

$$\frac{2}{3} \times 5 = \frac{10}{3} = 3\frac{1}{3}$$



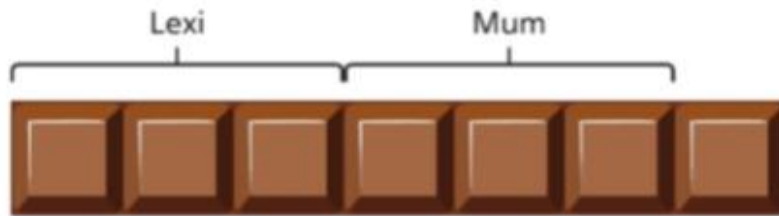
The dogs need $3\frac{1}{3}$ boxes for 5 days. Lexi and her mum will need to buy 4 boxes to feed the dogs for 5 days.

I think it is simpler to multiply. To work out how many $\frac{1}{3}$ s, I work out $2 \times 5 = 10$.



Think together

- 1 a) Lexi and her mum each eat $\frac{3}{7}$ of a bar of chocolate.



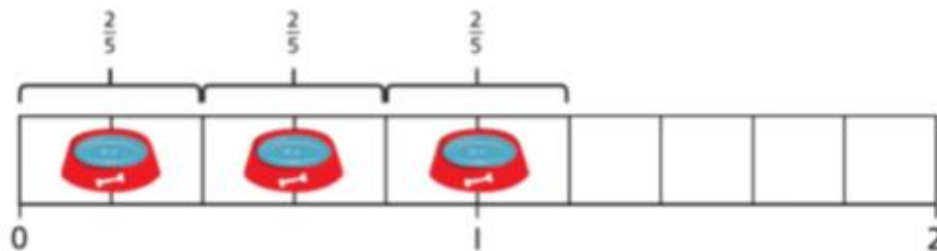
What fraction of the chocolate bar do they eat in total?

$$\frac{3}{7} \times 2 = \frac{\square}{7}$$

In total, they eat $\frac{\square}{7}$ of the chocolate bar.

- b) A bowl contains $\frac{2}{5}$ l of water.

How much water is there in 3 bowls?



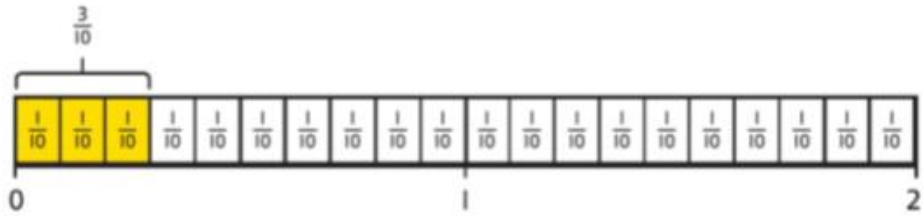
$$\frac{2}{5} \times \square = \frac{\square}{\square} = \square \frac{\square}{\square}$$

There is $\square \frac{\square}{\square}$ l of water in 3 bowls.

2 Kate runs around a circular track.

One lap is $\frac{3}{10}$ of a kilometre.

Kate runs 5 laps. How far does Kate run?



$$\frac{\square}{\square} \times \square = \frac{\square}{\square} = \square \frac{\square}{\square} = \square \frac{\square}{\square}$$

Kate runs $\square \frac{\square}{\square}$ km.

3 Work out the answers to each of the following questions.

Set A

$$\frac{1}{5} \times 2$$

$$\frac{2}{5} \times 2$$

$$\frac{3}{5} \times 2$$

$$\frac{4}{5} \times 2$$

Set B

$$1 \times \frac{1}{5}$$

$$2 \times \frac{1}{5}$$

$$3 \times \frac{1}{5}$$

$$5 \times \frac{1}{5}$$

Set C

$$\frac{1}{4} \times 4$$

$$\frac{2}{5} \times 5$$

$$\frac{5}{6} \times 6$$

$$7 \times \frac{3}{7}$$

CHALLENGE

I have found a way to answer these questions without drawing a diagram each time.

Explain your method to a friend.

What do you notice about the answers to Set C?



Now complete pages 110-112 in your power maths books.

Tuesday and Thursday: Go on the Mathletics website to complete the tasks that have been set.

<https://www.mathletics.com/uk/>

Weekly Spellings

During summer term, we will be recapping on all the spelling rules that we have learnt over the past two terms. The rule for this week is **endings spelt –cious or –tious**. Please practise learning the words every day by putting the words in sentences and get an adult to test you on Friday.

e.g. Sarah made the malicious remark that nothing was safe from Harry – not even vermin.

malicious
delicious
conscious
capricious
ferocious
gracious
pernicious
spacious
precious
vicious
nutritious
cautious
superstitious
sententious
infectious
ambitious
scrumptious
conscientious
surreptitious
repetitious

Foundation Work (for the week)

The Victorians

This week you will be researching the life of Queen Victoria and writing a biography of her life. This task has been set for you on Purple Mash. Go to the red To Do button at the top left of your screen. When you have finished your work for the day, click on the red arrow at the top right of the screen and then save and exit. You will be asked if you want to continue the work or hand it in. Only hand it in when you have finished your weekly task and then your teacher can look at your work.

Queen Victoria



En Hi Li

Write about the life of Queen Victoria

Diary

Write a diary of what work and activities you did today. Remember to include your emotions and opinions.