



Year 1

Maths WC
27/04/20

Measure



Week Timetable

In Maths this week, we are going to be looking at an **Introduction to Weight and Mass**. We will be using Resources from [White Rose Week 1](#) to help us on our learning journey.



Click on the lesson you would like to complete:

[Lesson 1](#) - [Monday 27th April](#)

[Lesson 2](#) - [Tuesday 28th April](#)

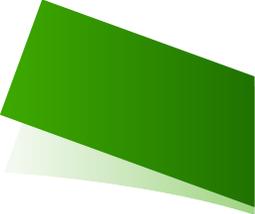
[Lesson 3](#) - [Wednesday 29th April](#)

[Lesson 4](#) - [Thursday 30th April](#)

[Lesson 5](#) - [Friday 1st May](#)

[Optional Maths Challenge](#)

Please complete the work in your exercise books and remember to send pictures of your work to your class teachers - we really love seeing how you are getting on!



Lesson 1

Fluency

Click here to see
the answers!



1. A question from last week:

How many tens and ones does the number 37 have?

_____ tens

_____ ones

2. A question from last term:

What 2D shape is this?



It is a _____

3. A question from last year:

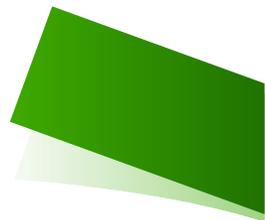
Put the following numbers in order of size biggest to smallest

3

12

9

20



Lesson 1

Fluency Answers

Click to move on
to the next activity



1. A question from last week:

How many tens and ones does the number 37 have?

3 tens

7 ones

2. A question from last term:

What 2D shape is this?



It is a rectangle

3. A question from last year:

Put the following numbers in order of size biggest to smallest

3 12 9 20

20 12 9 3

Lesson 1



Watch the video for lesson 1, pausing when a question is asked giving you some thinking time and time to answer.

Then answer the questions below:

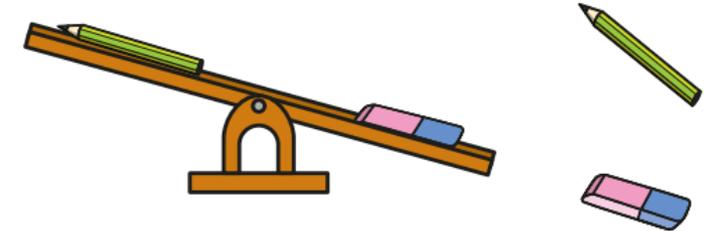
Please go to <https://whiterosemaths.com/homelearning/year-1/> and click on Week 1. The first lesson should be Introducing Weight and Mass.

- 1 Which object is heavier?
Tick your answer.



How do you know?

- 2 Which object is lighter?
Tick your answer.



How do you know?

Remember, when it asks 'how do you know' answer in full sentences to show off your maths knowledge!

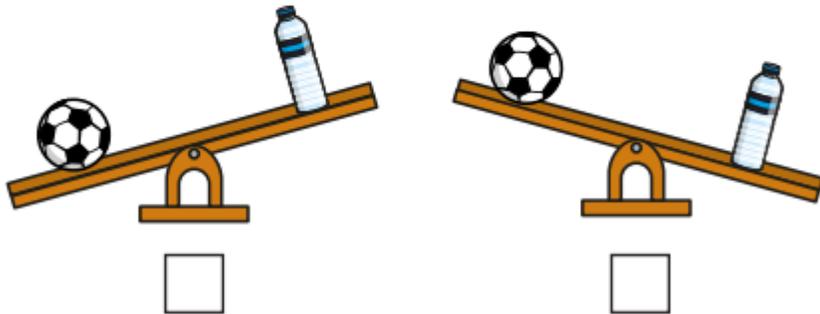


Next Slide



Lesson 1

- 3 The ball is lighter than the bottle.
Tick the picture that shows this.



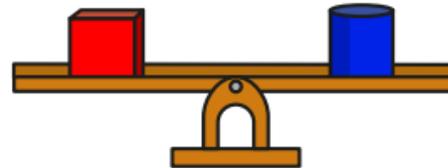
- 4 Choose a phrase to complete the sentences.

more than

less than

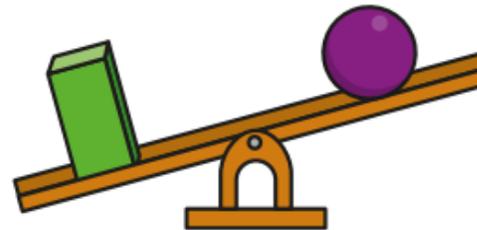
the same as

a)



The cube weighs _____
the cylinder.

b)



The cuboid weighs _____
the sphere.

Further Challenges

Lesson 1

Further Challenges!



Here are some fun Maths challenges to extend your learning

1. Find 3 objects heavier than you
2. Find 3 objects lighter than you
3. Order those 6 objects from heaviest to lightest
4. Where would you put yourself in the order you have created?

If you want more practice with weighing objects on scales. Try this fun game...

<https://pbskids.org/peg/games/happy-camel>

Click here to go
back to the main
menu

Well done for
completing some
excellent Maths
work today!

Click here to go to
Lesson 2

Lesson 2

Fluency

Click here to see
the answers!



1. A question from last week:

My number has 2 tens and 1 ones. What is my number?

2. A question from last term:

$$12 + 8 = \underline{\quad}$$

3. A question from last year:

What number should come next?

2 4 6 8 _____

Lesson 2

Fluency Answers



1. A question from last week:

My number has 2 tens and 1 ones. What is my number?

21

2. A question from last term:

$$12 + 8 = 20$$

3. A question from last year:

What number should come next?

2 4 6 8 10

Click to move on
to the next activity



Lesson 2

Watch the video for lesson 2, pausing when a question is asked giving you some thinking time and time to answer.

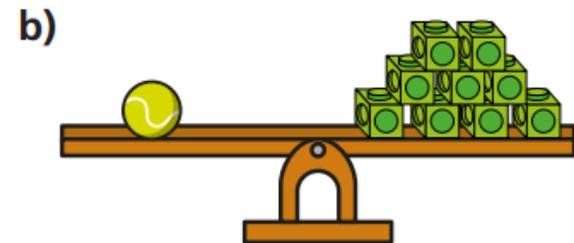
Then answer the questions below:

Please go to <https://whiterosemaths.com/homelearning/year-1/> and click on Week 1. The second lesson should be Measure Mass.

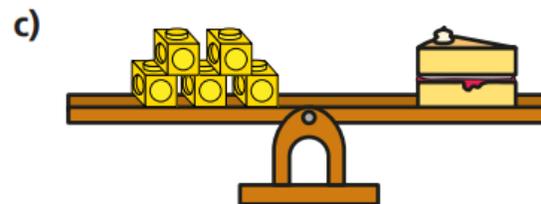
1 How much does each object weigh?



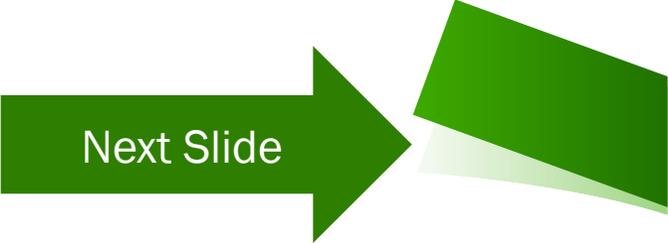
The banana weighs cubes.



The tennis ball weighs cubes.



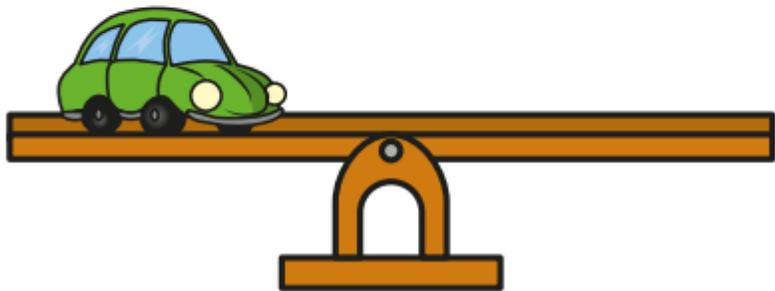
The slice of cake weighs cubes.

Next Slide 

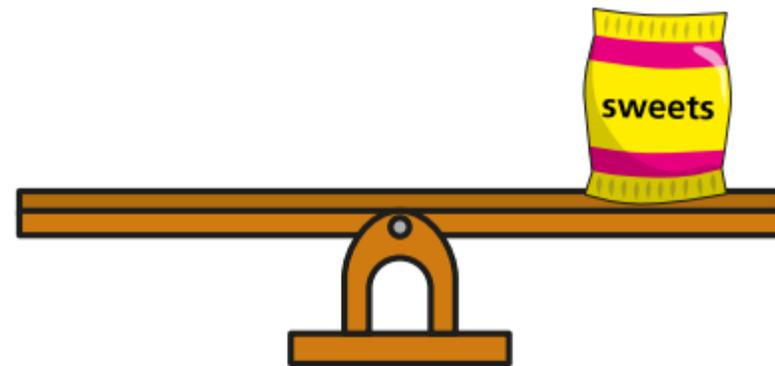
Lesson 2

2 Draw cubes to balance the scales.

a) The toy car weighs 6 cubes.



b) The sweets weigh 4 cubes.



3 Use cubes to weigh objects in your classroom.

Complete this sentence for each object.

_____ weighs cubes.

Compare answers with a partner.

Further Challenges

Lesson 2

Further Challenges!



Here are some fun Maths challenges to extend your learning

1. Collect different objects from around your house. Can you find two objects that weigh exactly the same amount. Use scales if you have them to make this as accurate as possible.
2. Miss Newman is thinking of an object. It is heavier than a pencil but lighter than plate. What could it be?

If you want more practice with weighing objects on scales. Try this fun game...

<https://pbskids.org/peg/games/happy-camel>

Click here to go
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Well done for
completing some
excellent Maths
work today!

Click here to go to
Lesson 3

Lesson 3

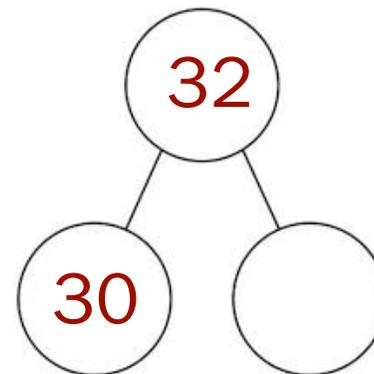
Fluency

Click here to see
the answers!



1. A question from last week:

Complete the part-whole method



2. A question from last term:

$$18 \quad - \quad 10 \quad = \quad \underline{\hspace{2cm}}$$

3. A question from last year:

What number comes next?

$$16 \quad 15 \quad 14 \quad 13 \quad \underline{\hspace{2cm}}$$

Lesson 3

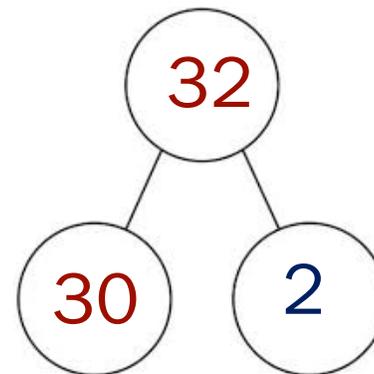
Fluency Answers

Click to move on
to the next activity



1. A question from last week:

Complete the part-whole method



2. A question from last term:

$$18 - 10 = 8$$

3. A question from last year:

What number comes next?

16 15 14 13 12

Lesson 3

Watch the video for lesson 3, pausing when a question is asked giving you some thinking time and time to answer.

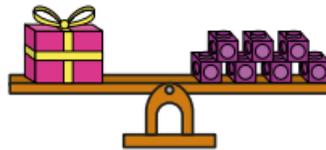
Please go to <https://whiterosemaths.com/homelearning/year-1/> and click on Week 1. The third lesson should be Compare Mass.

Then answer the questions below:

i Which object is heavier?

Tick your answer.

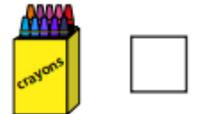
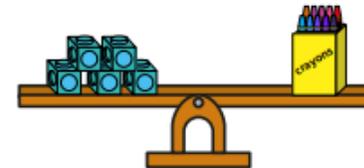
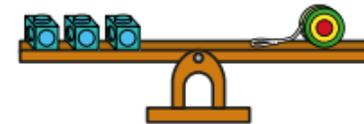
a)



c)



b)

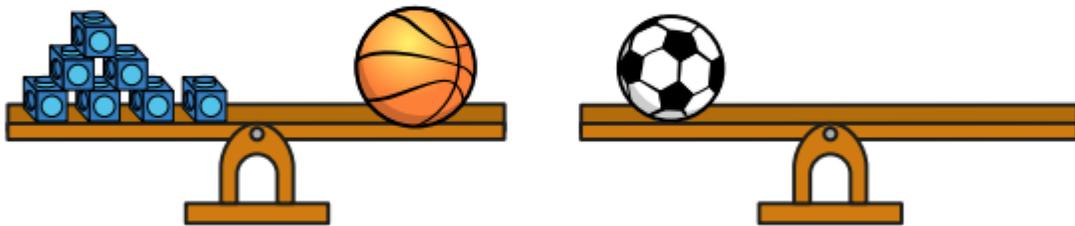


Next Slide

Lesson 3

3 The basketball is heavier than the football.

Draw cubes to complete the scales.



Is there more than one answer?

2 Look at the scales.



Choose a word to complete each sentence.

heavier

lighter

- a) The orange is _____ than the cherries.
- b) The apple is _____ than the orange.
- c) The cherries are _____ than the apple.
- d) The apple is _____ than the cherries.

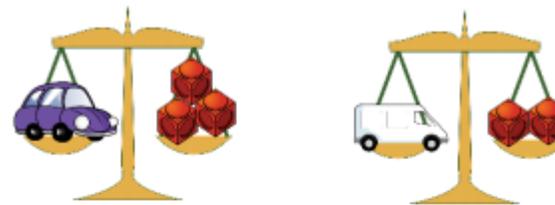
Further Challenges

Lesson 3

Further Challenges!

Here are some fun Maths challenges to extend your learning

Look at the balance scales below.



Which statements are true?

- The car is heavier than the van.
- The van is heavier than the car.
- The car is lighter than the van.
- The van is lighter than the car.
- The car and van weigh the same amount.

Can you make a problem like this for your partner?

If you want more practice with comparing weight on scales. Try this fun game...

https://www.mathplayground.com/balance_scales.html

Click here to go back to the main menu

Well done for completing some excellent Maths work today!

Click here to go to Lesson 4

Lesson 4

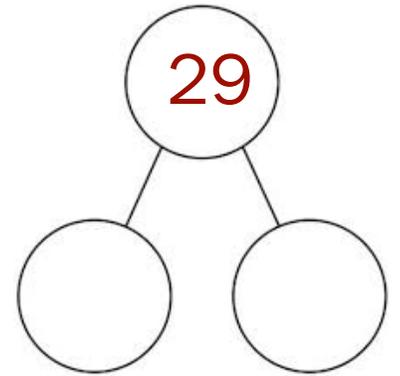
Fluency

Click here to see
the answers!



1. A question from last week:

Complete the part-whole method



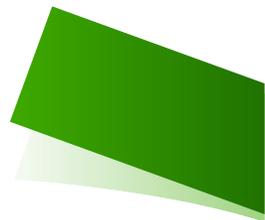
2. A question from last term:

If I had 7 pencils and then I got 7 more, how many would I have now?

3. A question from last year:

What number comes next?

0 10 20 30 _____



Lesson 4

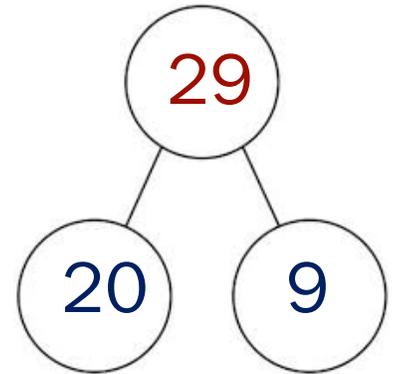
Fluency Answers

Click to move on
to the next activity



1. A question from last week:

Complete the part-whole method



2. A question from last term:

If I had 7 pencils and then I got 7 more, how many would I have now?

14

3. A question from last year:

What number comes next?

0 10 20 30 40

Lesson 4

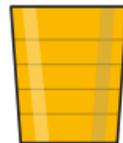


Watch the video for lesson 4, pausing when a question is asked giving you some thinking time and time to answer.

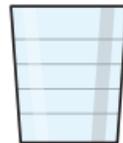
Then answer the questions below:

Please go to <https://whiterosemaths.com/homelearning/year-1/> and click on Week 1. The fourth lesson should be Introduce Capacity and Volume.

i a) Match the picture to the label.



empty



almost full

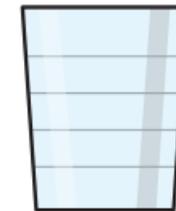


almost empty

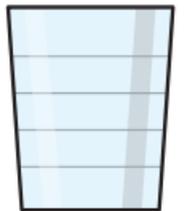


full

b) Show 'almost full' and 'almost empty' another way.



almost full



almost empty

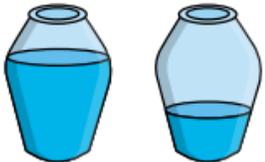
Next Slide

Lesson 4

2 Choose a word to complete the sentence.

more

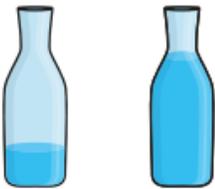
less



A

B

A has _____ than B.



A

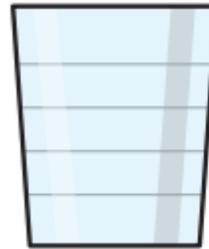
B

A has _____ than B.

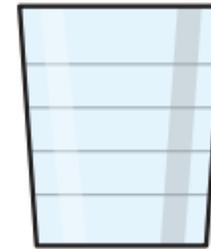


3 Show the volume in each glass.

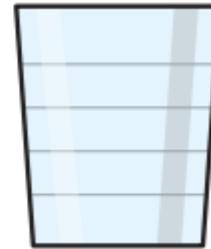
- A is nearly full.
- B is nearly empty.
- A has more than C.
- C has more than B.



A



B



C

Further Challenges



Lesson 4

Further Challenges!

Here are some fun Maths challenges to extend your learning

There are two statements below. Can you experiment with different containers to see if each statement is always true, sometimes true or never true.

The tallest container holds the most liquid.

Identical containers can have a different capacity.

If you want more practice with capacity, why don't you find different containers in your house and see which one holds the most. Can you think of an accurate way to measure this?

Click here to go back to the main menu

Well done for completing some excellent Maths work today!

Click here to go to Lesson 5

Lesson 5

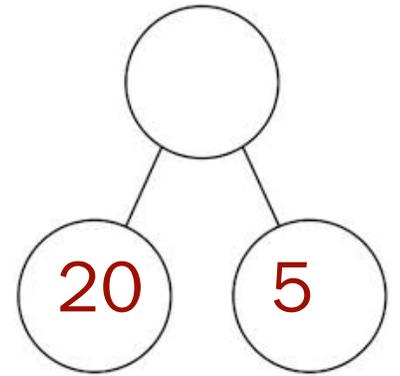
Fluency

Click here to see
the answers!



1. A question from last week:

Complete the part-whole method



2. A question from last term:

If I had 20 pencils but 5 were broken, how many do I have that I could use?

3. A question from last year:

What number comes next?

18

16

14

12

Lesson 5

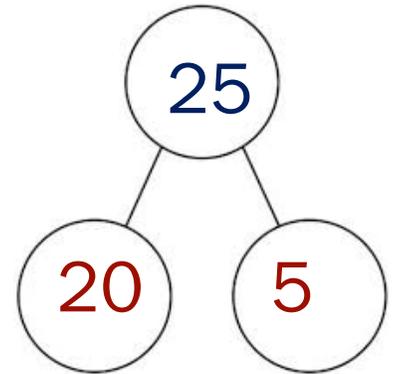
Fluency Answers!

Click to move on
to the next activity



1. A question from last week:

Complete the part-whole method



2. A question from last term:

If I had 20 pencils but 5 were broken, how many do I have that I could use?

15

3. A question from last year:

What number comes next?

18

16

14

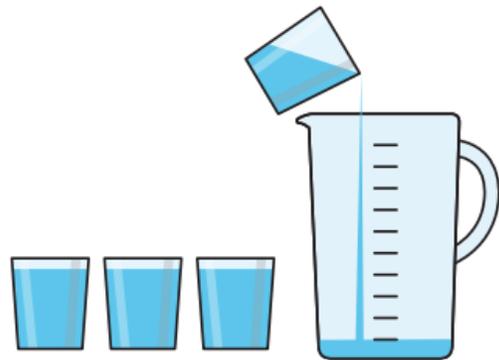
12

10

Lesson 5

Please go to <https://whiterosemaths.com/homelearning/year-1/> and click on Week 1. The fifth lesson should be Measure Capacity.

1 4 glasses of water fill 1 jug.



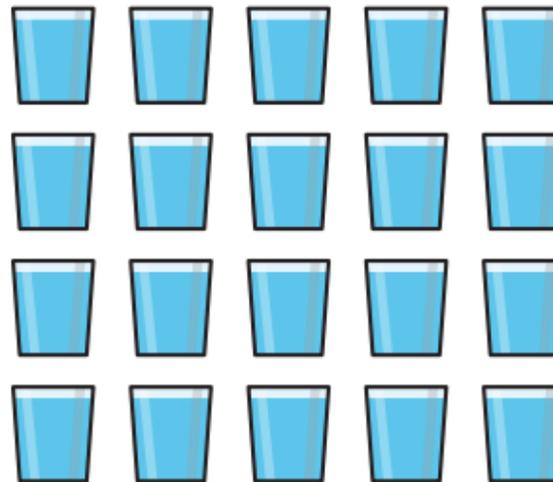
a) How many glasses will fill 2 jugs?



Watch the video for lesson 5, pausing when a question is asked giving you some thinking time and time to answer.

Then, answer the questions below:

b) Eva uses 20 glasses of water.



How many jugs can she fill?

Eva can fill jugs.

Next Slide

Lesson 5

- 2 Teddy pours these 6 glasses of juice.
He uses a whole bottle of juice.

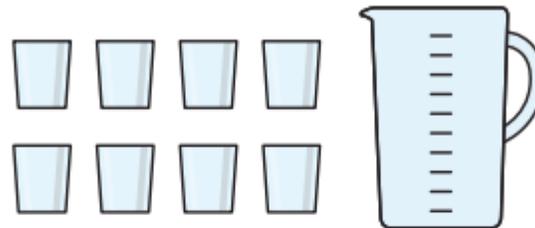


The bottle has a capacity of 6 glasses.

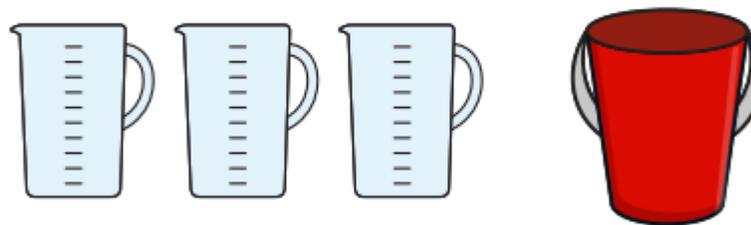
Do you agree with Teddy? _____

Talk about it with a partner.

- 3 It takes 8 glasses of water to fill a jug.



It takes 3 jugs of water to fill a bucket.



How many **glasses** of water fill a bucket?

What else can you find out?

Further Challenges

Lesson 5

Further Challenges!

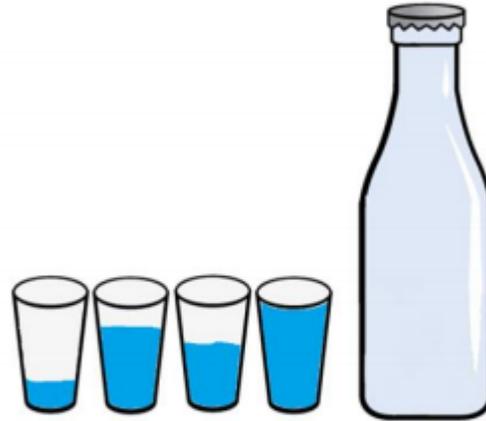
Click here to go back to the main menu

Well done for completing some excellent Maths work today!

Click here to go to an extra Maths Challenge

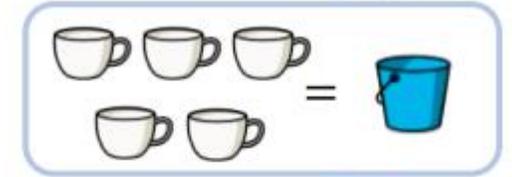
Here are some fun Maths challenges to extend your learning

Whitney pours her cups into the bottle and they fill it exactly.

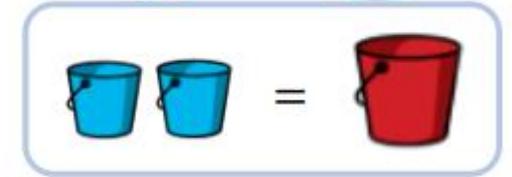


She says the bottle has a capacity of four cups. Do you agree?

It takes 5  to fill 1 



It takes 2  to fill 1 



How many  will fill one  ?

What else can you find out?

Maths Challenge



This week's optional Maths challenge is called: 'Biscuit Decorations'. If you require further support for this challenge visit <https://nrich.maths.org/154>

Biscuit Decorations

Andrew decorated 20 biscuits to take to a party.

He lined them up and put icing on every second biscuit.

Then he put a cherry on every third biscuit.

Then he put a chocolate button on every fourth biscuit.

So there was nothing on the first biscuit.

How many other biscuits had no decoration? Did any biscuits get all three decorations?



Hint: To get started, try drawing 20 circles for 20 biscuits and then decorate them!

We hope you all...



Have a
GREAT!
weekend!
RELAX & ENJOY

The Year
1 Team

x