

Maths Home Learning

Week Commencing: 10.05.2021

Week 5 - Year 4 Time Table - Mathematics



Horton Grange Primary KS2 Timetable 2020-2021: Year 4

	8:45- 8:50	8:50 - 9:50	9:50 - 10:05	10.05 - 10.20	10:20 - 11:20	11:20 - 12:15	12:15 - 1:05	1:05 - 1:10	1:10 - 2:05	2:05 - 3:00
Monday	Registration	Maths	Break	Newsround	Reading intervention	English	Lunch Time	Registration	Spelling test and new rule	Reading Assessment
Tuesday		Maths		Music- Sing Up YouTube	English	RE			Computing	PE
Wednesday		Reading Intervention		Newsround	Maths intervention	English			PE	PSHE
Thursday		EID		EID	EID	EID			EID	
Friday		EID		EID	EID	EID			EID	EID

Maths Home Learning

English Home Learning

Curriculum Home Learning

This week...

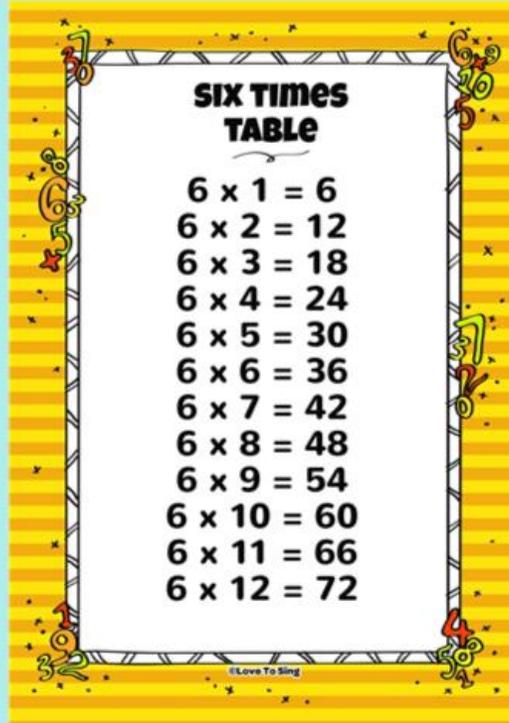


- Monday: 8:50am - 9.50am - Money Challenges
- Tuesday: 8:50am-9.50am- Fast 10 and Times Table Test
- Wednesday: 10:20am-11:20am - Measure Intervention
- Thursday: EID
- Friday: EID

Monday- 08.50-09.50am- Times Table

10/05/2021

Money Challenges



SIX TIMES TABLE

$6 \times 1 = 6$
$6 \times 2 = 12$
$6 \times 3 = 18$
$6 \times 4 = 24$
$6 \times 5 = 30$
$6 \times 6 = 36$
$6 \times 7 = 42$
$6 \times 8 = 48$
$6 \times 9 = 54$
$6 \times 10 = 60$
$6 \times 11 = 66$
$6 \times 12 = 72$

Now try completing the following corresponding division facts:

$$72 \text{ divided by } 6 =$$

$$42 \text{ divided by } 6 =$$

$$36 \text{ divided by } 6 =$$

Monday- 08.50-09.50am- Success Criteria

Learning Intention: To use measures.

On fire - I can apply my knowledge to answer reasoning questions.

Hotter I can add and subtract amounts of money to give change using both £ and p.

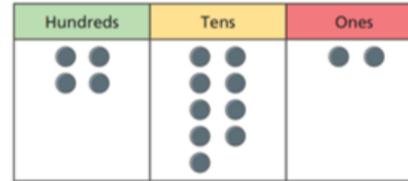
Hot I can add and subtract amounts of money to give change.

Monday- 08.50-
09.50am- OMS

OMS: More or less

Storms

What number is represented?



The number represented is

a) What is 100 more than the number?

What is 10 more than the number?

What is 1 more than the number?

Black Panthers and Hulks

Complete the table.

100 more	10 more	1 more	number	1 less	10 less	100 less
			473			
398						
					890	

Monday- 08.50-9.50am- Maths - I do

Last lesson, we looked at a range of reasoning questions. Today we will answer a range of challenges involving adding and subtracting money!

Let's have a look at some questions together!



I had



I bought



My change



Is my change correct? Explain your answer

Step 1 - Add the costs together $50p + 15p =$

H T O

5 0 p

+ 1 5 p

Step 2 - Subtract the costs from the total amount
 $70p - 65p =$

Monday- 08.50-9.50am- Maths - We do

We do - Challenges



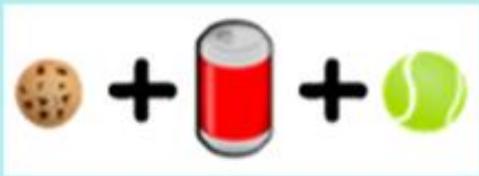
I had

I bought

My change

Step 1 - Add the costs together $22p + 28p + 36p =$

Step 2 - Subtract your total costs from your amount.



Is my change correct? Explain your answer

Monday- 08.50-9.50am- Maths - You do

You do - Challenges



I had

I bought

My change



Step 1 - Add the costs together

Step 2 - Subtract your total costs from your amount.

Is my change correct? Explain your answer

Monday- 08.50-9.50am- Storms



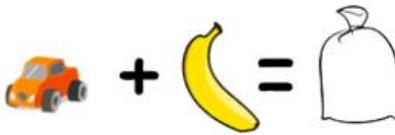
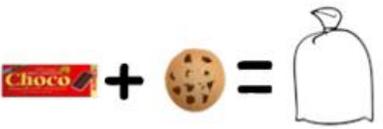
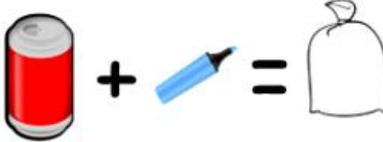
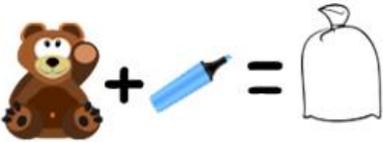
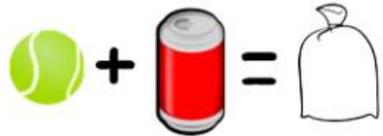
I had	I bought	My Change	Was my change right? ☺ or ☹

Storms

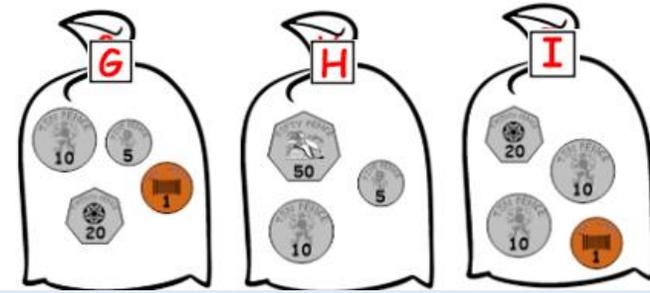
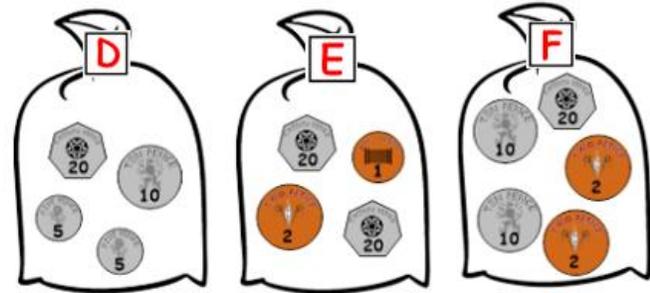
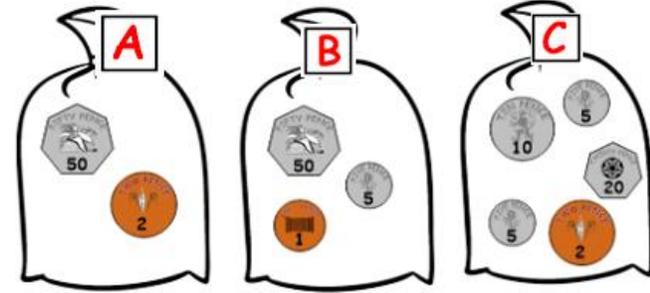
To add and subtract amounts of money to give change, using both £ and p.
Challenge 1.

Monday- 08.50-9.50am- Storms

Further Challenge - Storms



The spare money bag is 



Monday- 08.50-9.50am- BP

To add and subtract amounts of money to give change, using both £ and p.
Challenge 1,



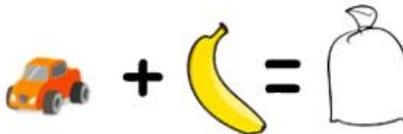
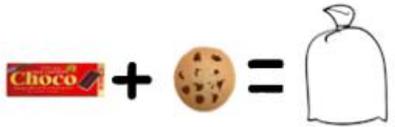
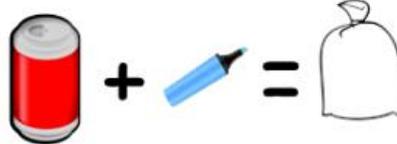
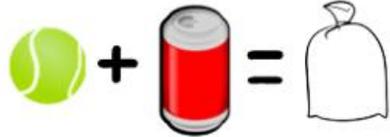
I had	I bought	My Change	Was my change right?



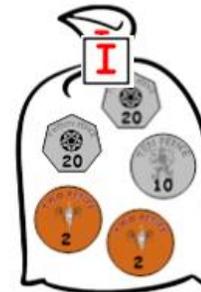
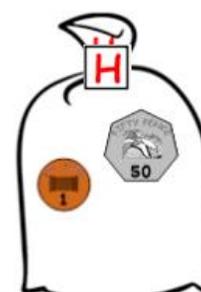
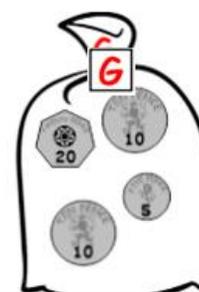
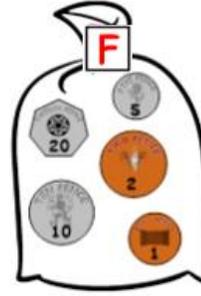
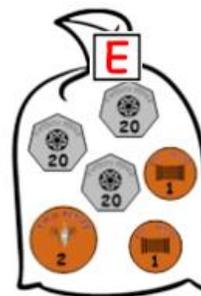
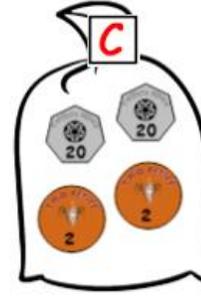
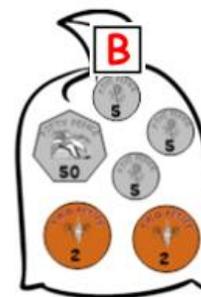
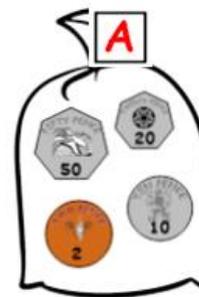
I had	I bought	My Change	Was my change right?

Monday- 08.50-9.50am- BP

Further Challenge - Black Panthers



The spare money bag is 



To add and subtract amounts of money to give change, using both £ and p.
Challenge 3.



I had	I bought	My Change	Was my change right? ☹ or 😊

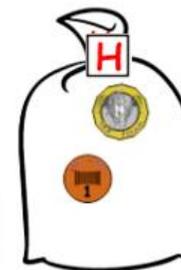
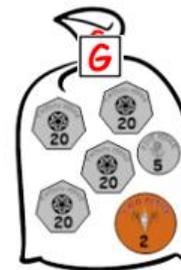
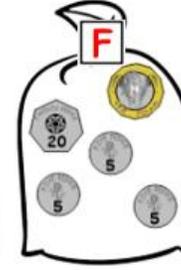
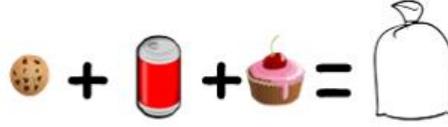
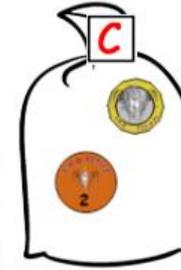
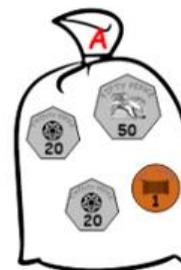
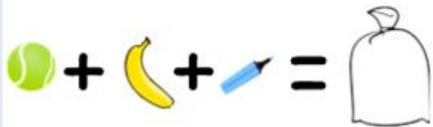
Monday- 08.50-9.50am- Hulks



I had	I bought	My Change	Was my change right? ☹ or 😊

Monday- 08.50-9.50am- Hulks

Further Challenge - Hulks



The spare money bag is



Well done for completing Day 1 – Maths

Please take a photograph of your amazing work and send it to your class teacher on the class email address below. We can then send you some feedback on the great work you have completed.

4A@hortongrangeacademy.co.uk

4B@hortongrangeacademy.co.uk

4C@hortongrangeacademy.co.uk

Tuesday - 08.50-09.50am- Times Table

seven TIMES TABLE

$7 \times 1 = 7$
 $7 \times 2 = 14$
 $7 \times 3 = 21$
 $7 \times 4 = 28$
 $7 \times 5 = 35$
 $7 \times 6 = 42$
 $7 \times 7 = 49$
 $7 \times 8 = 56$
 $7 \times 9 = 63$
 $7 \times 10 = 70$
 $7 \times 11 = 77$
 $7 \times 12 = 84$

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[7 Times Table Song \(Learning is Fun The Todd & Ziggy Way!\) - Bing video](#)

Tuesday - 08.50-09.50am- Fast 10

Arithmetic Test

1. $52 = ? + 12$

2. $\frac{3}{9} + \frac{2}{9} =$

3. Find $\frac{2}{5}$ of 40

4. $8 \times 12 =$

5. $700 \div 100 =$

6. $192 - 22 =$

7. $\frac{6}{9} - \frac{4}{9} =$

8. $900 \div 10 =$

9. $\frac{3}{7} + \frac{1}{7} =$

10. $50 + \underline{\quad} = 123$



Have a go at completing this test.

You have 5 minutes!

Tuesday - 08.50-09.50am- Fast 10

Arithmetic Test

1. $52 = 40 + 12$

2. $\frac{3}{9} + \frac{2}{9} = \frac{5}{9}$

3. Find $\frac{2}{5}$ of 40 = 16

4. $8 \times 12 = 96$

5. $700 \div 100 = 7$

6. $192 - 22 = 170$

7. $\frac{6}{9} - \frac{4}{9} = \frac{2}{9}$

8. $900 \div 10 = 90$

9. $\frac{3}{7} + \frac{1}{7} = \frac{4}{7}$

10. $50 + 73 = 123$



How many questions did you answer correctly?

Tuesday- 08.50-09.50am- Storms

Times Table Test x2 x5 and x10

The image displays a grid of 12 multiplication tables, each for a different multiplier from 1 to 12. Each table is contained within a rounded rectangular box with a colored header and a matching border. The tables are arranged in two rows of six. The first row contains tables for multipliers 1, 2, 3, 4, 5, and 6. The second row contains tables for multipliers 7, 8, 9, 10, 11, and 12. Each table lists multiplication facts from 1 to 12. The website address 'www.class-templates.com' is printed at the bottom of each table.

1 x	2 x	3 x	4 x	5 x	6 x
1 x 1 = 1	2 x 1 = 2	3 x 1 = 3	4 x 1 = 4	5 x 1 = 5	6 x 1 = 6
1 x 2 = 2	2 x 2 = 4	3 x 2 = 6	4 x 2 = 8	5 x 2 = 10	6 x 2 = 12
1 x 3 = 3	2 x 3 = 6	3 x 3 = 9	4 x 3 = 12	5 x 3 = 15	6 x 3 = 18
1 x 4 = 4	2 x 4 = 8	3 x 4 = 12	4 x 4 = 16	5 x 4 = 20	6 x 4 = 24
1 x 5 = 5	2 x 5 = 10	3 x 5 = 15	4 x 5 = 20	5 x 5 = 25	6 x 5 = 30
1 x 6 = 6	2 x 6 = 12	3 x 6 = 18	4 x 6 = 24	5 x 6 = 30	6 x 6 = 36
1 x 7 = 7	2 x 7 = 14	3 x 7 = 21	4 x 7 = 28	5 x 7 = 35	6 x 7 = 42
1 x 8 = 8	2 x 8 = 16	3 x 8 = 24	4 x 8 = 32	5 x 8 = 40	6 x 8 = 48
1 x 9 = 9	2 x 9 = 18	3 x 9 = 27	4 x 9 = 36	5 x 9 = 45	6 x 9 = 54
1 x 10 = 10	2 x 10 = 20	3 x 10 = 30	4 x 10 = 40	5 x 10 = 50	6 x 10 = 60
1 x 11 = 11	2 x 11 = 22	3 x 11 = 33	4 x 11 = 44	5 x 11 = 55	6 x 11 = 66
1 x 12 = 12	2 x 12 = 24	3 x 12 = 36	4 x 12 = 48	5 x 12 = 60	6 x 12 = 72

7 x	8 x	9 x	10 x	11 x	12 x
7 x 1 = 7	8 x 1 = 8	9 x 1 = 9	10 x 1 = 10	11 x 1 = 11	12 x 1 = 12
7 x 2 = 14	8 x 2 = 16	9 x 2 = 18	10 x 2 = 20	11 x 2 = 22	12 x 2 = 24
7 x 3 = 21	8 x 3 = 24	9 x 3 = 27	10 x 3 = 30	11 x 3 = 33	12 x 3 = 36
7 x 4 = 28	8 x 4 = 32	9 x 4 = 36	10 x 4 = 40	11 x 4 = 44	12 x 4 = 48
7 x 5 = 35	8 x 5 = 40	9 x 5 = 45	10 x 5 = 50	11 x 5 = 55	12 x 5 = 60
7 x 6 = 42	8 x 6 = 48	9 x 6 = 54	10 x 6 = 60	11 x 6 = 66	12 x 6 = 72
7 x 7 = 49	8 x 7 = 56	9 x 7 = 63	10 x 7 = 70	11 x 7 = 77	12 x 7 = 84
7 x 8 = 56	8 x 8 = 64	9 x 8 = 72	10 x 8 = 80	11 x 8 = 88	12 x 8 = 96
7 x 9 = 63	8 x 9 = 72	9 x 9 = 81	10 x 9 = 90	11 x 9 = 99	12 x 9 = 108
7 x 10 = 70	8 x 10 = 80	9 x 10 = 90	10 x 10 = 100	11 x 10 = 110	12 x 10 = 120
7 x 11 = 77	8 x 11 = 88	9 x 11 = 99	10 x 11 = 110	11 x 11 = 121	12 x 11 = 132
7 x 12 = 84	8 x 12 = 96	9 x 12 = 108	10 x 12 = 120	11 x 12 = 132	12 x 12 = 144

Have a go at completing the Times Table test below

[Listen and Practise Times Tables - Test 1 - Bing video](#)

Tuesday - 08.50-09.50am- BP and Hulks Times Table Test x8

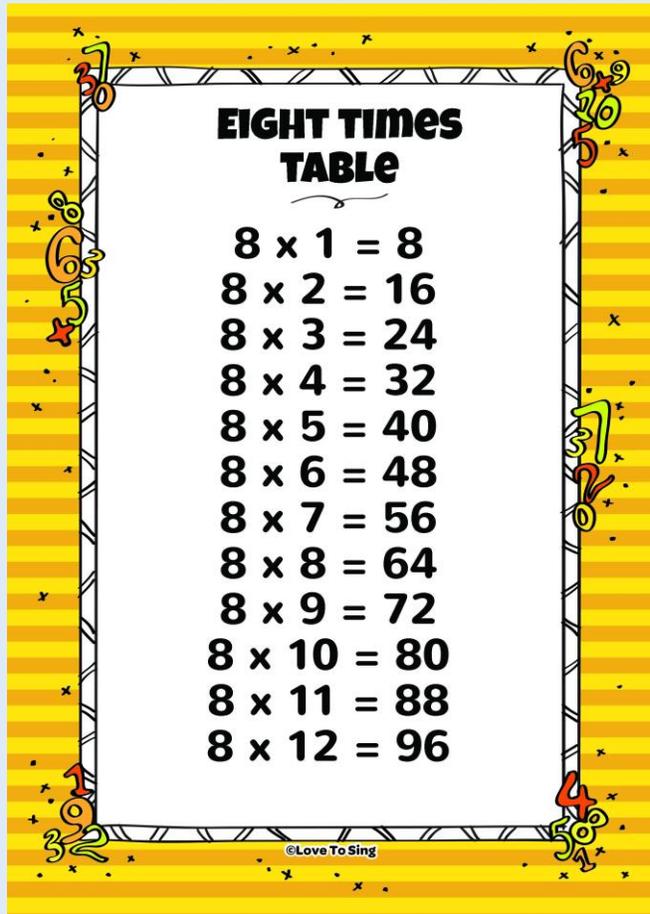
Complete the following questions. You have 5 seconds to answer each question.

1. $8 \times 1 =$
2. $8 \times 3 =$
3. $8 \times 2 =$
4. $8 \times 4 =$
5. $8 \times 6 =$
6. $8 \times 5 =$
7. $8 \times 7 =$
8. $8 \times 9 =$
9. $8 \times 8 =$
10. $8 \times 11 =$
11. $8 \times 10 =$
12. $8 \times 12 =$



Tuesday - 08.50-09.50am- BP and Hulks Times Table Test x8

How many did you answer correctly?



EIGHT TIMES TABLE

$8 \times 1 = 8$
$8 \times 2 = 16$
$8 \times 3 = 24$
$8 \times 4 = 32$
$8 \times 5 = 40$
$8 \times 6 = 48$
$8 \times 7 = 56$
$8 \times 8 = 64$
$8 \times 9 = 72$
$8 \times 10 = 80$
$8 \times 11 = 88$
$8 \times 12 = 96$

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Well done for completing Day 2 – Maths

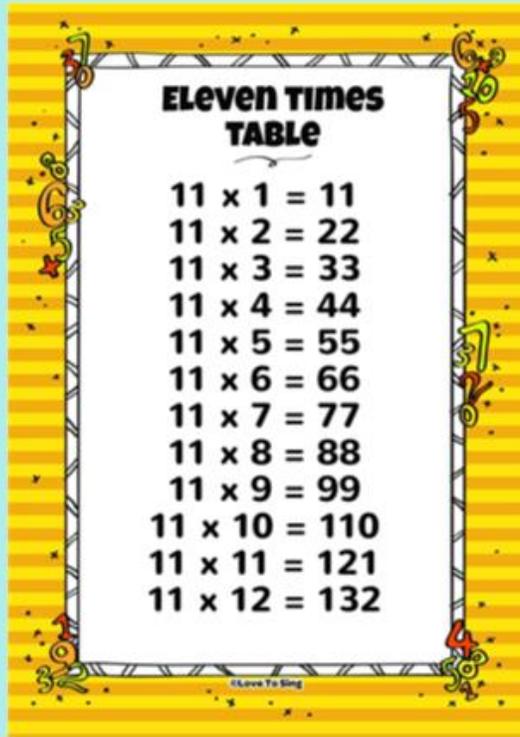
Please take a photograph of your amazing work and send it to your class teacher on the class email address below. We can then send you some feedback on the great work you have completed.

4A@hortongrangeacademy.co.uk

4B@hortongrangeacademy.co.uk

4C@hortongrangeacademy.co.uk

Wednesday- 10.20-11.20am- Times Table



ELEVEN TIMES TABLE

11 x 1 = 11
11 x 2 = 22
11 x 3 = 33
11 x 4 = 44
11 x 5 = 55
11 x 6 = 66
11 x 7 = 77
11 x 8 = 88
11 x 9 = 99
11 x 10 = 110
11 x 11 = 121
11 x 12 = 132

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<https://www.youtube.com/watch?v=QyLmDk066lo>

Now try completing the following corresponding division facts:

132 divided by 11 =

99 divided by 11 =

66 divided by 11 =

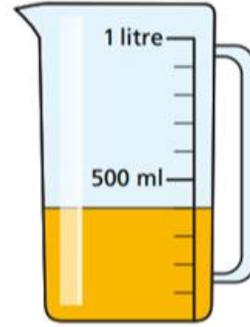
OMS: Capacity

Capacity is the total amount of liquid a container can hold. The volume of a substance is the total amount of space that it covers

Wednesday-
10.20-11.20am-
OMS

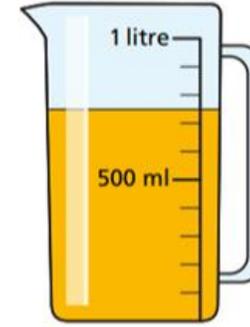
What is the volume of juice in each jug?

a)



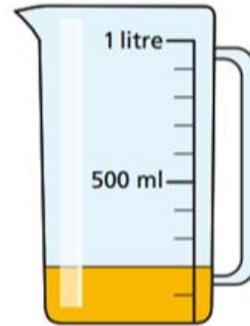
ml

c)



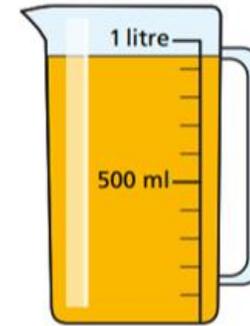
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b)



ml

d)



ml

Wednesday- 10.20- 11.20am- Maths

1. In a snail race, Billy slithers 28 mm.
Bertha slides 32 mm and Binky slips 17 mm.



- a) Write the order of winning:

1st:

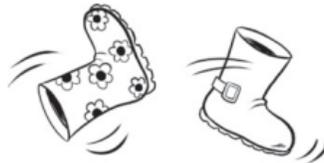
2nd:

3rd:

- b) How much further did the winning snail slide than the slowest snail?

2. Here are the results of a welly throwing competition:

Welly thrower	Distance thrown
Wally	3 m 50 cm
Sally	3 m 65 cm
Nelly	2 m 50 cm
Penny	1 m 25 cm



- a) Put the throws in order of length, starting with the furthest throw.

1	2	3	4

- b) How much further did Sally throw her welly than Wally?

The metric system is used to measure the length, weight or volume of an object. Length is measured in **millimetres (mm)**, **centimetres (cm)**, **metres (m)** or **kilometres (km)**.

• 1 cm = 10 mm

• 1 m = 100 cm

• 1 km = 1000 m

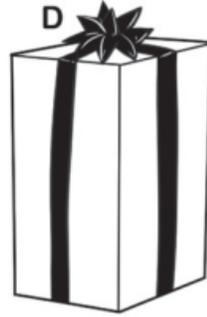
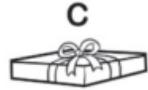
• 1 cm is about the width of a staple

• 1 m is about the width of a single bed

Have a go at completing these questions!

Wednesday- 10.20- 11.20am- Maths

Converting units of mass



1. Parcel A has a mass of 3 kg. What is this in grams?

2. Parcel B has a mass of 4.5 kg. How many grams is this?

3. Parcel D has a mass that is 10 times as much as that of Parcel A. What is its mass in kilograms? What is its mass in grams?

4. Parcel C has a mass of 1,800 g. What is this in kilograms?

Weight is measured in **grams** (g) and **kilograms** (kg). Volume is measured in **millilitres** (ml) and **litres** (l).

• 1 kg = 1000 g

• 1 l = 1000 ml

• 1 kg is the weight of seven apples

• 1 l is the volume of a carton of orange juice

Have a go at completing the following questions!

Wednesday- 10.20- 11.20am- Quiz

1. a) Mr Beardy's beard is 15 cm long in January. By February it has grown to 17 cm long. How much did Mr Beardy's beard grow in a month?

cm

- b) By June, Mr Beardy's beard is 25 cm long. How much did his beard grow from January to June?

cm



2. What would you use to make these measurements?

- a) The length of a lollipop stick

- b) The distance around your head

3. How many centimetres in a metre?

cm

4. How many centimetres in half a metre?

cm

5. a) How many grams in a kilogram?

g

- b) How many grams in half a kilogram?

g

6. Put these masses in order from lightest to heaviest.

1 kg 570 g

1 kg 507 g

702 g

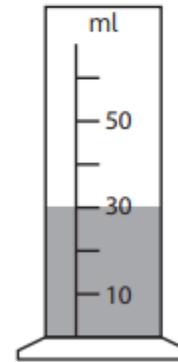
2 kg 250 g

2,500 g

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7. How many millilitres are in each measuring cylinder?

a)



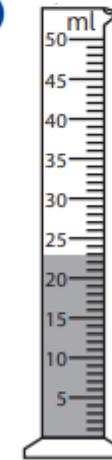
ml

b)



ml

c)



ml

Wednesday- 10.20- 11.20am- Quiz Answers

Answers

- a)** 2 cm
b) 10 cm
- a)** ruler
b) tape measure
- 100 cm
- 50 cm
- a)** 1,000 g
b) 500 g
- 702 g, 1 kg 507 g, 1 kg 570 g, 2 kg 250g, 2,500 g
- a)** 30 ml
b) 7.2 ml
c) 23 ml

Well done for completing Day 3 – Maths

Please take a photograph of your amazing work and send it to your class teacher on the class email address below. We can then send you some feedback on the great work you have completed.

4A@hortongrangeacademy.co.uk

4B@hortongrangeacademy.co.uk

4C@hortongrangeacademy.co.uk

Well done for completing all your maths home learning!

Don't forget to send your completed work over to your class teacher:

Class 4A:

4A@hortongrangeacademy.co.uk

Class 4B:

4B@hortongrangeacademy.co.uk

Class 4C:

4C@hortongrangeacademy.co.uk

Have a lovely weekend!

