

Thursday 2nd July

Hello again Year 5,

We hope that you have been working hard at home as well as enjoying the sunny weather - especially last week.

Here are the activities for this week for you to follow and complete. In Maths we're continuing our work on decimal numbers. Our 'Doors' writing unit is now in its second week and we're building up to the final piece of writing next week. It's healthy eating again in PSHE, with a focus on sugar this week, and we have popped some art and puzzles in there too!

If you have some spare time or want to do some extra learning, you could visit <https://www.bbc.co.uk/bitesize> or <https://www.thenational.academy/online-classroom> where there are lots of lessons and activities to choose from.

As always, try to read for at least 20 minutes a day and take 'Accelerated Reader' quizzes from home by using this link [Howley Grange Renaissance at home](#) and logging on as usual using your username and password. To check that the book you are reading has a quiz, you can check it using on [Accelerated Reader Bookfinder](#).

Take care and keep smiling,

Miss Savage, Mrs Montgomery and Mrs Graham

English Activity 4 - Modal verbs and adverbs of possibility

Complete the first activity to remind you of yesterday's learning about modal verbs before moving onto adverbs of possibility.

Modal Sentences

Choose one of the modal verbs to help you to complete each of these sentences. You can only use each modal verb once so tick each one as you have used it.

shouldn't

can

couldn't

would

ought

may

might

would

must

1. Neeta _____ tidy her bedroom before she can go out to play.
2. Paul was so tired that he _____ keep his eyes open.
3. You _____ eat too many sweets as it's bad for your teeth.
4. I _____ like to be an astronaut when I am older.
5. After you have finished all your food, you _____ leave the table.
6. I _____ say my three times table confidently.
7. I _____ like to travel the world in the future.
8. Ask Harriet - she _____ know the right answer.
9. I don't want to go but I _____ to.

Adverbs of Possibility

In addition to modal verbs, some adverbs can be used to describe how likely it is that something will happen. These are called 'adverbs of possibility'. Some of the most common adverbs of possibility are:

certainly	definitely	maybe	possibly
clearly	obviously	perhaps	probably

Read this extract from *The Snow-Walker's Son* by Catherine Fisher. You can listen to the extract here: <https://soundcloud.com/talkforwriting/doors/s-ItAy0hpt715>

The door was the last one in the corridor.

As the flames flickered over it, they showed it was barred; a hefty iron chain hung across it, and the mud floor beneath was red with rust that had flaked off in the long years of locking and unlocking.

The keeper hung his lantern on a nail, took the key from a dirty string around his neck, and fitted it into the keyhole. Then he looked behind him.

'Get on with it!' the big man growled. 'Let me see what she keeps in there!'

The keeper grinned; he knew fear when he heard it. With both hands he turned the key, then tugged out the red chain in a shower of rust and pushed the door. It opened, just a fraction. Darkness and a damp smell oozed through the black slit.

He stepped well back, handed the stranger the lantern, and jerked his head. He had no tongue to speak with; she'd made sure he kept her secrets.

The stranger hesitated; a draught moved his hair and he gazed back up the stone passageway as if he longed suddenly for warmth and light. And from what I've heard, the keeper thought, you won't be seeing much of those ever again.

Then the man held up the lantern and pushed the door. The keeper watched his face intently in the red glow, and his great hand, as it clutched a luck-stone that swung at his neck. The man went in, slowly. The door closed.

© Catherine Fisher 2011 from *The Snow Walker's Son*, published by Red Fox, by permission of the author.

Write a description using modal verbs and adverbs of possibility to explain what was behind the door. Be as imaginative as you possibly can. You could include what the man was thinking and feeling.

Underline any modal verbs or adverbs of possibility that you use. Remember you can use the negative form too.

modal verbs	can, could, should, must, ought, may, would, might, will.
adverbs of possibility	certainly, definitely, obviously, sometimes, probably, maybe, perhaps, never, rarely.

MATHS 10-4-10

1. The product of two numbers is 84. One number is 7. What is the other?
2. Is a rectangle a quadrilateral?
3. How many sides has a heptagon?
4. Is 56 a multiple of 8?
5. Take 7 tenths from 1.76

Remember - ten questions in ten minutes. If you find one tricky, just move on to the next and come back to any you have missed at the end.

6. Damien has a 1l bottle of water. He pours out 450ml. How much is left in the bottle?

7. A pair of jeans cost £20. They are reduced by 10% in the sale. What is the sale price?

8. What number is three quarters of 36?

9. Make 270 using four of these numbers.

63 94 41 59 72

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10. Find the difference between 3400 and 980.


Maths Activity - Dividing decimals by 10, 100 and 1,000


For today's lesson, use the following link to White Rose Maths Home Learning and watch the video for Summer Term: Week 9: Lesson 4: Dividing decimals by 10, 100 and 1,000.


<https://whiterosemaths.com/homelearning/year-5/>

The video explains the concept in different ways ; you can pause the video and complete questions on the sheet or in your homework books, or you may prefer to watch the whole video first before completing the sheet. If you feel you want to just go ahead and complete the sheet, then feel free to do so. You can then check your answers to see how you got on (answers are at the end of the presentation).

Again you should have a go at completing the questions you feel confident to. Remember, don't worry, just try your best.

Questions 1 - 3 

Questions 1 - 6 

Questions 1 - 8 

Dividing decimals by 10, 100 and 1,000

1 Complete the divisions.

a)

H	T	O	Tths	Hths
		5		

$5 \div 10 = \square$

b)

H	T	O	Tths	Hths
	1	5		

$15 \div 10 = \square$

c)

H	T	O	Tths	Hths
		3	8	

$3.8 \div 10 = \square$

d)

H	T	O	Tths	Hths
	1	3	8	

$13.8 \div 10 = \square$

What do you notice when you divide a number by 10?

2 Complete the calculations.

a) $7 \div 10 = \square$

d) $16 \div 10 = \square$

b) $7.8 \div 10 = \square$

e) $16.4 \div 10 = \square$

c) $7.86 \div 10 = \square$

f) $16.48 \div 10 = \square$ 5

3 Complete the divisions.

a)

H	T	O	Tths	Hths	Thths
	1	7			

$17 \div 100 = \square$

b)

H	T	O	Tths	Hths	Thths
		9	4		

$9.4 \div 100 = \square$

c)

H	T	O	Tths	Hths	Thths
2	7	6			

$276 \div 100 = \square$

d)

H	T	O	Tths	Hths	Thths
	3	2	5		

$32.5 \div 100 = \square$

What do you notice when you divide a number by 100?

4 Complete the divisions.

a) $7 \div 100 = \square$

b) $109 \div 100 = \square$

$7.2 \div 100 = \square$

$10.9 \div 100 = \square$

$7.25 \div 100 = \square$

$10.95 \div 100 = \square$

5

Use a place value chart to work out $136 \div 1,000$

H	T	O	Tths	Hths	Thths
1	3	6			

Complete the calculation.

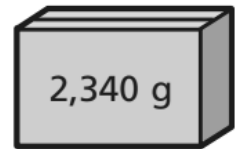
$$136 \div 1,000 = \boxed{}$$

6

Use your knowledge of measure to work out the answers.

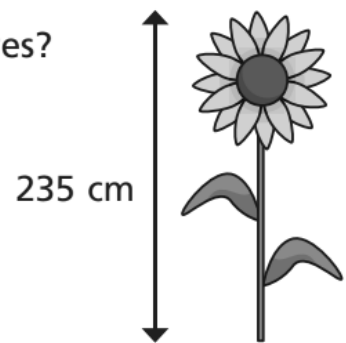
a) What is the mass of the box in kilograms?

$$\boxed{} \div \boxed{} = \boxed{}$$



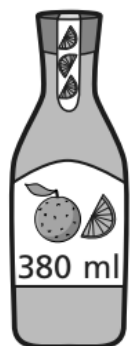
b) What is the height of the sunflower in metres?

$$\boxed{} \div \boxed{} = \boxed{}$$



c) What is the amount of juice in litres?

$$\boxed{} \div \boxed{} = \boxed{}$$



7

Complete the calculations.

a) $147 \div 10 =$

$147 \div 100 =$

$147 \div 1,000 =$

b) $21 \div 10 =$

$21 \div 100 =$

$21 \div 1,000 =$

c) $3,200 \div 10 =$

$3,200 \div 100 =$

$3,200 \div 1,000 =$

d) $5,006 \div 10 =$

$5,006 \div 100 =$

$5,006 \div 1,000 =$

8

Complete the divisions.

a) $83 \div$ $= 0.83$

b) $\div 10 = 0.95$

c) $\div 10 = 3.9$

d) $68 \div$ $= 0.068$

e) $1,799 \div$ $= 17.99$

f) $\div 100 = 11.8$

g) $178 \div$ $= 17.8$

h) $3.18 \div$ $= 0.318$

PSHE/Art - Healthy Eating 3

Can you create a healthy snack showing a rainbow of colour?



ANSWERS

ANSWERS: English Activity 4 - Modal verbs and adverbs of possibility

6. Modal Sentences

1. Neeta **must** tidy her bedroom before she can go out to play.
2. Paul was so tired that he **couldn't** keep his eyes open.
3. You **shouldn't** eat too many sweets as it's bad for your teeth.
4. I **would** like to be an astronaut when I am older.
5. After you have finished all your food, you **may** leave the table.
6. I **can** say my three times table confidently.
7. I **would** like to travel the world in the future.
8. Ask Harriet - she **might** know the right answer.
9. I don't want to go but I **ought** to.

ANSWERS: 10-4-10

1. The product of two numbers is 84. One number is 7. What is the other? **12**

2. Is a rectangle a quadrilateral? **yes**

3. How many sides has a heptagon? **7**

4. Is 56 a multiple of 8?
yes

5. Take 7 tenths from 1.76 **1.06**

6. Damien has a 1l bottle of water. He pours out 450ml. How much is left in the bottle? **550ml**

7. A pair of jeans cost £20. They are reduced by 10% in the sale. What is the sale price? **£18**

8. What number is three quarters of 36? **27**

9. Make 270 using four of these numbers.
63 94 41 59 72

10. Find the difference between 3400 and 980.
2420

ANSWERS: Dividing decimals by 10, 100 and 1,000

1 Complete the divisions.

a)

H	T	O	•	Tths	Hths
		5	•		

$$5 \div 10 = 0.5$$

b)

H	T	O	•	Tths	Hths
	1	5	•		

$$15 \div 10 = 1.5$$

c)

H	T	O	•	Tths	Hths
		3	•	8	

$$3.8 \div 10 = 0.38$$

d)

H	T	O	•	Tths	Hths
	1	3	•	8	

$$13.8 \div 10 = 1.38$$

What do you notice when you divide a number by 10?

2 Complete the calculations.

a) $7 \div 10 = 0.7$

d) $16 \div 10 = 1.6$

b) $7.8 \div 10 = 0.78$

e) $16.4 \div 10 = 1.64$

c) $7.86 \div 10 = 0.786$

f) $16.48 \div 10 = 1.648$

3 Complete the divisions.

a)

H	T	O	• Tths	Hths	Thths
	1	7	•		

$17 \div 100 = 0.17$

b)

H	T	O	• Tths	Hths	Thths
		9	• 4		

$9.4 \div 100 = 0.094$

c)

H	T	O	• Tths	Hths	Thths
2	7	6	•		

$276 \div 100 = 2.76$

d)

H	T	O	• Tths	Hths	Thths
	3	2	• 5		

$32.5 \div 100 = 0.325$

What do you notice when you divide a number by 100?

4 Complete the divisions.

a) $7 \div 100 = 0.07$

b) $109 \div 100 = 1.09$

$7.2 \div 100 = 0.072$

$10.9 \div 100 = 0.109$

$7.25 \div 100 = 0.0725$

$10.95 \div 100 = 0.1095$

- 5 Use a place value chart to work out $136 \div 1,000$

H	T	O	Tths	Hths	Thths
1	3	6			

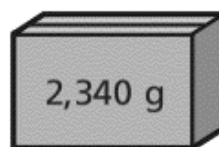
Complete the calculation.

$$136 \div 1,000 = 0.136$$

- 6 Use your knowledge of measure to work out the answers.

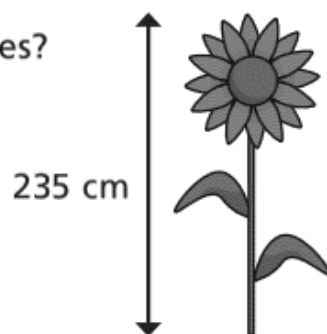
- a) What is the mass of the box in kilograms?

$$2,340 \div 1,000 = 2.34$$



- b) What is the height of the sunflower in metres?

$$235 \div 100 = 2.35$$



- c) What is the amount of juice in litres?

$$380 \div 1,000 = 0.38$$



7 Complete the calculations.

a) $147 \div 10 = 14.7$

c) $3,200 \div 10 = 320$

$147 \div 100 = 1.47$

$3,200 \div 100 = 32$

$147 \div 1,000 = 0.147$

$3,200 \div 1,000 = 3.2$

b) $21 \div 10 = 2.1$

d) $5,006 \div 10 = 500.6$

$21 \div 100 = 0.21$

$5,006 \div 100 = 50.06$

$21 \div 1,000 = 0.021$

$5,006 \div 1,000 = 5.006$

8 Complete the divisions.

a) $83 \div 100 = 0.83$

e) $1,799 \div 100 = 17.99$

b) $9.5 \div 10 = 0.95$

f) $1,180 \div 100 = 11.8$

c) $39 \div 10 = 3.9$

g) $178 \div 10 = 17.8$

d) $68 \div 1,000 = 0.068$

h) $3.18 \div 10 = 0.318$