

June	completed in maths books www.whiterosemaths.com/homelearning/year-5/ (Week 9 on website) Lesson 1: Subtract decimals Lesson 2: Subtract decimals Lesson 3: Multiply decimals Lesson 4: Divide decimals Lesson 5: Challenge cards (page 10) Watch the videos and answer the questions in your books. Worksheets will be provided on the pages below for you to use. White Rose is also linked to BBC Bitesize so you could choose to complete the daily activities (in your maths book) from this website instead. https://www.bbc.co.uk/bitesize/dailylessons TT Rockstars MyMaths SAMLearning Sumdog	SPAG.com activities SAMLearning activities Monday: Complete activity 1 about Relative clauses https://www.bbc.co.uk/bitesize/articles/zkcd7sg Tuesday: Re-read Chapter 1 of The Ickabog https://www.theickabog.com/king-fred-the-fearless/ Make a table like this: <table><tr><th>King Fred</th><th>Lord Spittleworth</th></tr><tr><td></td><td></td></tr></table> Jot down any descriptions of both characters from the story. Wednesday: Write a character description about one of the characters. Include: simile, alliteration and metaphors. Thursday: Complete activity 3. The worksheet is on the website https://www.bbc.co.uk/bitesize/articles/zkcd7sg Friday: Complete the SPaG mat (page 11) <u>Reading (5 days a week)</u> Read J.K Rowling’s new fairy-tale novel, The Ickabog. New chapters will go live daily. https://www.theickabog.com/read-the-story/ <u>Writing</u> Search ‘Jane Considine sentence stackers’ on YouTube to watch and complete sentence stacking writing sessions, led by Jane Considine.	King Fred	Lord Spittleworth			bitesize is: ‘How do flowering plants reproduce?’ https://www.bbc.co.uk/bitesize/topics/zgssgk7/articles/zgbcxfr P.E VIRTUAL SPORTS DAY This week, we are hosting a virtual sports day. We have a number of challenges for you to get involved in. Please follow the link below: https://sites.google.com/unity.fcat.org.uk/unity-academy-pe/virtual-sports-day If you need to speak to Miss Porter, Mrs King or Mrs Bateman please email us on yr5teacher@unity.fcat.org.uk We look forward to seeing your work either by email or on twitter @UnityPhase3	art and sculptures. Make notes of the styles and shapes that were used. What was designed? https://www.bbc.co.uk/bitesize/topics/z87tn39/articles/zgpdjxs History Read the paragraph: Did ancient Greeks invent government? https://www.bbc.co.uk/bitesize/topics/z87tn39/articles/z8g8wmn Create a table to compare and find the differences between Ancient Greek democracy and democracy today. Challenge: Write a letter to the Ancient Greek government to explain why everyone has a right to vote.	<u>Time zones</u> Watch the video, read the information about time zones and complete activity 1 and 2 on the website. The worksheet can be accessed on the BBC Bitesize webpage attached. https://www.bbc.co.uk/bitesize/articles/z4jbrj6
	King Fred	Lord Spittleworth							

Subtracting decimals with the same number of decimal places

White Rose Maths

1 Use a place value chart and counters to help you complete the subtractions.

Tens	Ones	Tenths	Hundredths
10	1 1 1 1	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0.01 0.01 0.01

a) $14.83 - 12.12 =$ c) $14.83 - 12.92 =$

b) $14.83 - 12.14 =$ d) $14.83 - 12.94 =$

e) Which calculation was easier? Talk about it with a partner.

f) What happens when you don't have enough counters in a column to take away?

2 Complete the sentences.

1 ten can be exchanged for ones.

1 one can be exchanged for tenths.

1 tenth can be exchanged for 10 _____.

3 Annie is calculating $2.42 - 1.17$ using the column method. She uses a place value chart to help her.

Ones	Tenths	Hundredths
1 1	0.1 0.1 0.1 0.1	0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01

	2	.	4	2
-	1	.	1	7
	1	.	2	5

How does the place value chart support the column method?
Talk about it with a partner.

4 Complete the column subtractions.

a)

		5	•	6	4
	-	3	•	1	2
		<hr/>			
			•		
		<hr/>			

c)

		8	•	0	9
	-	3	•	8	1
		<hr/>			
			•		
		<hr/>			

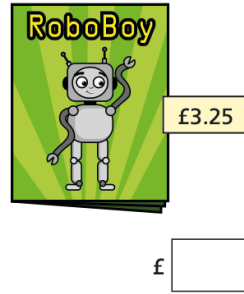
b)

		5	•	6	4
	-	3	•	1	5
		<hr/>			
			•		
		<hr/>			

d)

		1	2	•	0	2
	-	1	1	•	3	8
		<hr/>				
				•		
		<hr/>				

- 5 Whitney has £8.52
She buys this comic.
How much money does she have left?



- 6 Here are some items for sale in a shop.



- a) How much more does a scarf cost than a bag of marbles?

£

- b) Esther has £15.31

She buys a pair of headphones and a bag of marbles.
How much money does she have left?

£

- c) Tom has £7.01

He buys one item and has £5.92 left.
What did he buy?

Tom bought _____.

- 7 Ron and Dora are doing a sponsored walk.
Ron walks 3.12 miles.
Dora walks 5.49 miles.
How much further does Dora walk than Ron?
Dora walks miles further than Ron.

- 8 Tommy has three pieces of string.
- The first piece is 0.78 m long.
 - The second piece is 0.24 m shorter than the first piece.
 - The third piece is 0.07 m shorter than the second piece.
- What is the total length of all three pieces of string?
Give your answer in metres and centimetres.

m and cm

- 9 A, B and C are points on a number line.

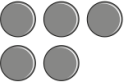

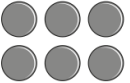


How much greater is the difference between A and C than the difference between B and C?

Compare methods with a partner.

Subtracting decimals with a different number of decimal places

1 Use the place value chart to help you work out the subtractions.

Ones	Tenths	Hundredths
		

a)

		5	•	3
				6
		–	1	•
				2

c)

		5	•	3
				6
		–	3	•
				8

b)

		5	•	3
				6
		–	3	•
				5

d)

		5	•	3
				6
		–	4	•
				7

2 Alex is using counters to help her work out $4.7 - 1.35$



I can't do this as I don't have any hundredths counters.

Do you agree with Alex? _____.

Talk about it with a partner.

3 Complete the subtractions.

a)

		2	•	3
				6
		–	1	•
				4

c)

		7	•	3
		–	1	•
				1
				5

b)

		6	•	1
				5
		–	3	•
				8

d)

		2		
			4	•
				4
		–		
			3	•
				1
				2

4 Use the column method to work out the subtractions.

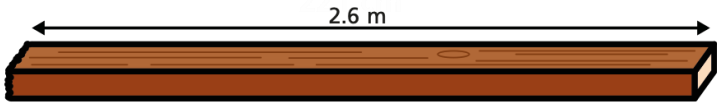
a) $13.59 - 1.82$

c) $5.6 - 1.39$

b) $73.84 - 9.2$

d) $18.2 - 3.64$

- 5 A plank of wood measures 2.6 m.
A carpenter cuts a piece of wood from the plank that is 0.52 m long.



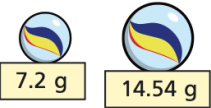
a) What is the length of the remaining plank?

 m

b) The carpenter cuts a second piece of wood from the plank.
She now has 0.3 m of the plank remaining.
What is the length of the second piece of wood that she cut?

 m

- 6 The mass of a bag of marbles is 54.3 g.
These two marbles are removed from the bag.



What is the mass of the bag of marbles now?

 g

- 7 Work out the missing digits.
 $\underline{\quad}3.4 - 2.5 = 10.81$

- 8 Use the column method to work out the subtractions.

a) $14 - 2.7$

d) $26 - 3.91$

b) $8 - 3.65$

e) $25 - 3.842$

c) $20 - 2.85$

f) $90 - 0.821$

Multiplying decimals by 10, 100 and 1,000

1 Complete the multiplications.

a)

H	T	O	Tths	Hths
		3	7	

 $3.7 \times 10 =$

b)

H	T	O	Tths	Hths
	1	4	5	

 $14.5 \times 10 =$

c)

H	T	O	Tths	Hths
		1	5	8

 $1.58 \times 10 =$

d)

H	T	O	Tths	Hths
	1	3	0	6

 $13.06 \times 10 =$

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

2 Complete the multiplications.

a) $1.7 \times 10 =$ d) $13.4 \times 10 =$

b) $1.75 \times 10 =$ e) $10 \times 13.04 =$

c) $1.73 \times 10 =$ f) $130.4 \times 10 =$

3 Complete the multiplications.

a)

H	T	O	Tths	Hths
		4	1	

 $4.1 \times 100 =$

b)

H	T	O	Tths	Hths
		4	1	5

 $4.15 \times 100 =$

c)

H	T	O	Tths	Hths
	1	4	5	

 $14.5 \times 100 =$

d)

H	T	O	Tths	Hths
		4	0	5

 $4.05 \times 100 =$

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

4 Complete the calculations.

a) $7.2 \times 100 =$ d) $1.89 \times 100 =$

b) $3.4 \times 100 =$ e) $73.57 \times 100 =$

c) $19.5 \times 100 =$ f) $1.317 \times 100 =$

- 5 Amir has multiplied 3.8 by 1,000



The answer is 3.8000

- a) What mistake has Amir made?

- b) Work out the correct answer.

$3.8 \times 1,000 = \boxed{}$

- 6 Complete the multiplications.

a) $4.7 \times 10 = \boxed{}$ c) $5.84 \times 10 = \boxed{}$

$4.7 \times 100 = \boxed{}$ $5.84 \times 100 = \boxed{}$

$4.7 \times 1,000 = \boxed{}$ $5.84 \times 1,000 = \boxed{}$

b) $19.3 \times 10 = \boxed{}$ d) $18.06 \times 10 = \boxed{}$

$19.3 \times 100 = \boxed{}$ $100 \times 18.06 = \boxed{}$

$1,000 \times 19.3 = \boxed{}$ $18.06 \times 1,000 = \boxed{}$

How did you work out the answers? Talk to a partner.



- 7 Complete the calculations.

a) $7.7 \times \boxed{} = 770$

e) $8.032 \times \boxed{} = 80.32$

b) $\boxed{} \times 10 = 1,950$

f) $\boxed{} \times 18.3 = 1,830$

c) $11.5 \times \boxed{} = 115$

g) $195.32 \times \boxed{} = 1,953.2$

d) $\boxed{} \times 11.5 = 11,500$

h) $\boxed{} \times 1,000 = 7,200$

- 8 Tommy is 1.4 m tall.

A tree is 10 times as tall as Tommy.

A building is 100 times as tall as Tommy.

- a) How tall is the tree?

m

- b) How much taller is the building than the tree?

m

- 9 Match the multiplications to the descriptions.

$\times 10 \times 10$

multiply by 10

$\times 10 \times 10 \times 10$

$\times 100 \times 10$

multiply by 100

$\times 10 \times 100$

$\times 10 \times 1$

multiply by 1,000



Dividing decimals by 10, 100 and 1,000

1 Complete the divisions.

H	T	O	Tths	Hths
		5		

 $5 \div 10 = \square$

H	T	O	Tths	Hths
	1	5		

 $15 \div 10 = \square$

H	T	O	Tths	Hths
		3	8	

 $3.8 \div 10 = \square$

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) $16.48 \div 10 = \square$

3 Complete the divisions.

H	T	O	Tths	Hths	Thths
	1	7			

 $17 \div 100 = \square$

H	T	O	Tths	Hths	Thths
		9	4		

 $9.4 \div 100 = \square$

H	T	O	Tths	Hths	Thths
2	7	6			

 $276 \div 100 = \square$

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.

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

Talk to a partner about your method.

- 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?

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

235 cm



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

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



- 7 Complete the calculations.

a) $147 \div 10 = \boxed{}$

c) $3,200 \div 10 = \boxed{}$

$147 \div 100 = \boxed{}$

$3,200 \div 100 = \boxed{}$

$147 \div 1,000 = \boxed{}$

$3,200 \div 1,000 = \boxed{}$

b) $21 \div 10 = \boxed{}$

d) $5,006 \div 10 = \boxed{}$

$21 \div 100 = \boxed{}$

$5,006 \div 100 = \boxed{}$

$21 \div 1,000 = \boxed{}$

$5,006 \div 1,000 = \boxed{}$

- 8 Complete the divisions.

a) $83 \div \boxed{} = 0.83$

e) $1,799 \div \boxed{} = 17.99$

b) $\boxed{} \div 10 = 0.95$

f) $\boxed{} \div 100 = 11.8$

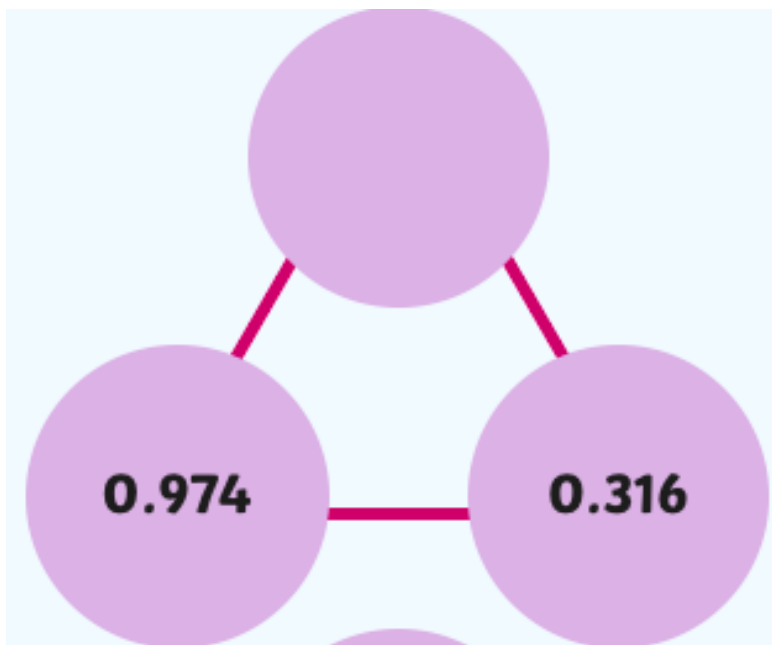
c) $\boxed{} \div 10 = 3.9$

g) $178 \div \boxed{} = 17.8$

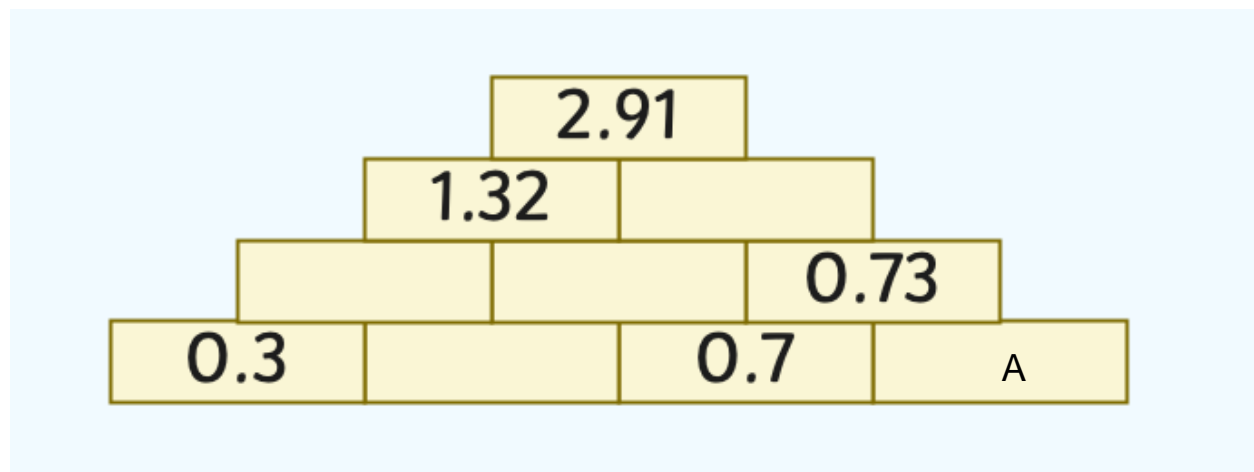
d) $68 \div \boxed{} = 0.068$

h) $3.18 \div \boxed{} = 0.318$

Friday Maths Challenge



Complete the part-whole model.



Complete this addition pyramid. You will need to use your knowledge of Adding and subtracting decimals to work out the missing boxes.

Help:

$$0.73 - 0.70 = A$$

a
Rewrite this sentence with an added fronted adverbial. Then, circle the relative pronoun in this sentence?

Kayden had a bed that looked like a treehouse.



b
Can you think of a word that ends in the sound /shuhl/ that matches this definition?

not real

top secret

c
Explain why this possessive apostrophe sentence is incorrect.

The familys' holiday was now booked.



d
Tick to show whether the underlined word is being used as an adverb or an adjective.

Sentence	Adverb	Adjective
The woman looked <u>angry</u> .		
The <u>lovely</u> teacher praised her class.		

e
Choose the correct form of the verb 'to have' to fit into these sentences.

Today, Darcie and Oscar _____ been learning about Greek mythology.

Last month, Max _____ the best time at scout cub camp.

Florence's guinea pig _____ the softest fur.

f
Mr Whoops has been juggling with the letters from one of his Y5 spelling words- can you spot what it is?

s i t d a s
r s u o

d _____

