

Maths Support Pack - Week 6

This pack includes your 3 maths lessons for the week. The pack includes:

- ✓ Maths starters to keep your brains working fast!
- ✓ 3 maths lessons
- ✓ Links to online lessons for Lesson 1 and 2
- ✓ Worksheets and answer sheets
- ✓ Extension Task

This pack is to help you, so read through as carefully as possible so that you know what to do for your maths this week. In week 6, we are focusing on Adding and Subtracting Decimals within 1. Try your best with everything, these are all activities that you can do this all, we've done it before! Happy Learning Year 5! 😊

Lesson 1 - Teach and Practise- Adding decimals to 1

Starter - Daily 10

<https://www.topmarks.co.uk/maths-games/daily10>

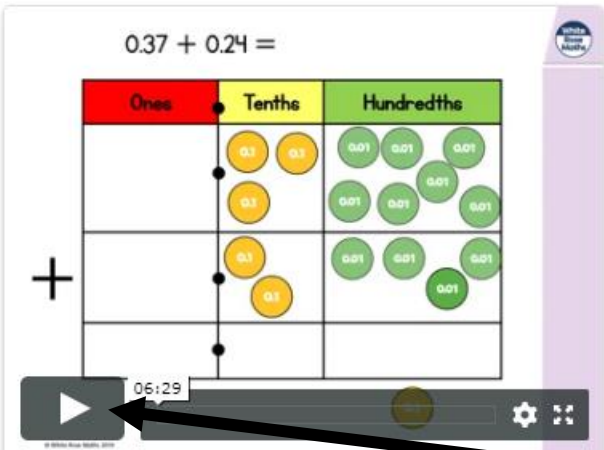
Practise whatever you feel you need a freshen up with, try to answer your questions in 7 seconds or less like we do in school!

Input -

Open this link <https://whiterosemaths.com/homelearning/year-5/>. Click on Summer Term, Week 1, Lesson 1 to watch the online lesson.

Summer Term - Week 1 (w/c 20 A

Lesson 1 - Adding decimals within 1



Online video

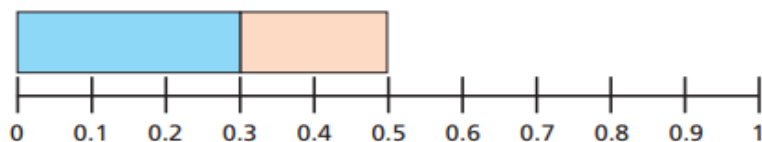
Activity: Complete the questions that are below. Watch the video for this lesson as many times as you need to. It's there to help you!

Adding decimals within 1

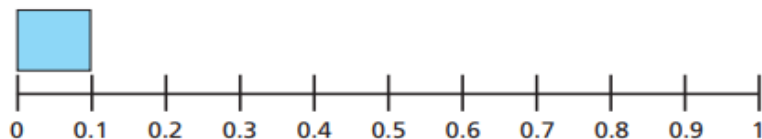
Rose Maths

- 1** Work out the additions.
Use the number lines to help you.

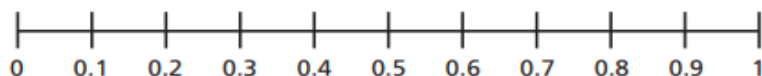
a) $0.3 + 0.2 =$



b) $0.1 + 0.4 =$



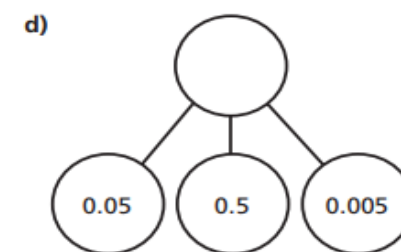
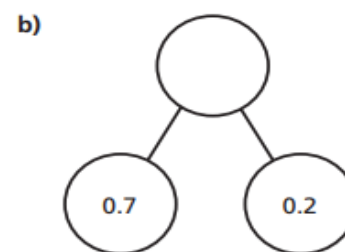
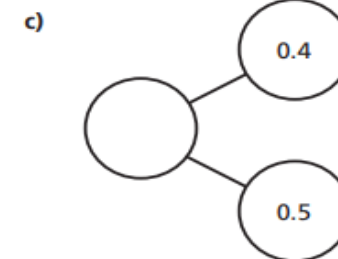
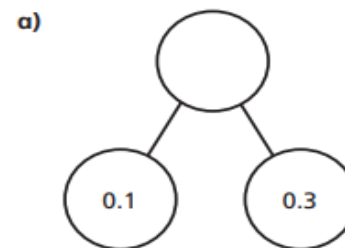
c) $0.2 + 0.1 + 0.2 =$



What do you notice about your answers?



- 2** Complete the part-whole models.



- 3** Complete the additions.
Use the place value charts to help you.

a) $0.42 + 0.3 =$

Ones	Tenths	Hundredths
	<div>0.1 0.1</div> <div>0.1 0.1</div>	<div>0.01 0.01</div>
	<div>0.1 0.1</div> <div>0.1</div>	

+

b) $0.28 + 0.32 =$

Ones	Tenths	Hundredths

+

c) $0.28 + 0.36 =$

+

Ones	Tenths	Hundredths



5

Jack has set up a column addition to work out $0.19 + 0.07$

What mistake has Jack made?

$$\begin{array}{r} 0.19 \\ + 0.7 \\ \hline . \\ \hline \end{array}$$

4

Use the column method to work out the additions.

a)

$$\begin{array}{r} 0.42 \\ + 0.3 \\ \hline . \\ \hline \end{array}$$

d)

$$\begin{array}{r} 0.42 \\ + 0.033 \\ \hline . \\ \hline \end{array}$$

b)

$$\begin{array}{r} 0.04 \\ + 0.33 \\ \hline . \\ \hline \end{array}$$

e)

$$\begin{array}{r} 0.436 \\ + 0.17 \\ \hline . \\ \hline \end{array}$$

c)

$$\begin{array}{r} 0.402 \\ + 0.03 \\ \hline . \\ \hline \end{array}$$

f)

$$\begin{array}{r} 0.751 \\ + 0.09 \\ \hline . \\ \hline \end{array}$$

7

Eva drinks a quarter of a litre of water.

Mo drinks 0.3 litres of water.

Whitney drinks a tenth of a litre more water than Mo.

How much water do Eva, Mo and Whitney drink altogether?

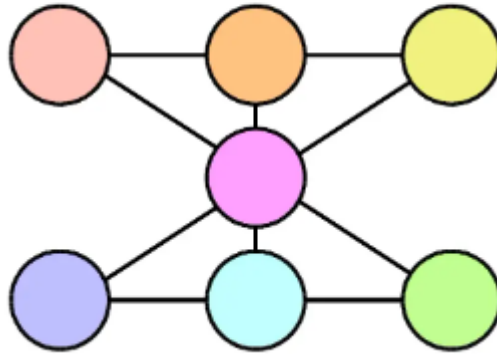


If you have struggled with any of the questions, just go back and rewatch the video to check you are happy. When you're done, open the answers document to check your work.

Lesson 2 - Teach and Practise- Subtracting decimals to 1

Starter - Maths Challenge Question

Can you put the numbers 1 to 7
in each circle so that the total
of every line is 12?



Input -

Open this link <https://whiterosemaths.com/homelearning/year-5/>. Click on Summer Term, Week 1, Lesson 2 to watch the online lesson.

Lesson 2 - Subtracting decimals within 1

0.7 - 0.21 =

Tree diagram: 0.7 is composed of 0.6 and 0.1.

Subtraction grid:

0	•	7 ⁶	10
0	•	2	1
		•	

Place value chart:

Ones	Tenths	Hundredths
	7 blocks (orange)	6 blocks (green)

Video player controls: 10:34, play button, settings, full screen.

Online video

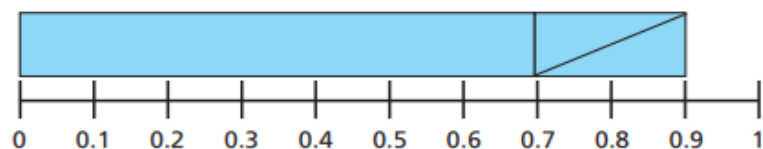
Activity: Complete the questions that are below. Watch the video for this lesson as many times as you need to. It's there to help you!

Subtracting decimals within 1

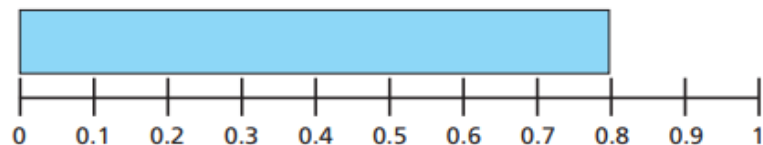
1 Work out the subtractions.

Use the number lines to help you.

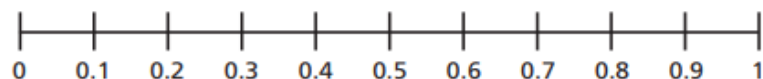
a) $0.9 - 0.2 =$



b) $0.8 - 0.1 =$



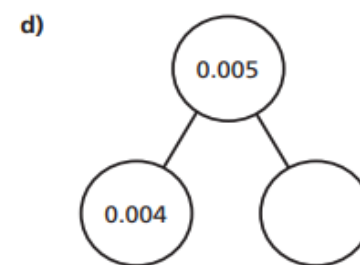
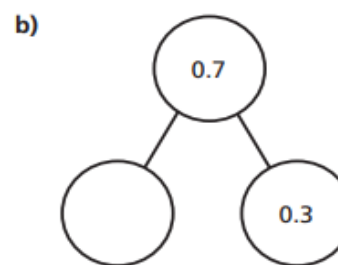
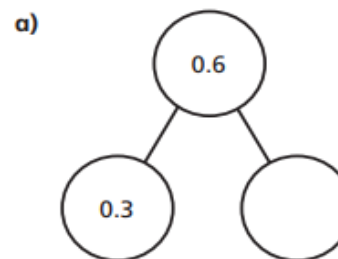
c) $1 - 0.2 - 0.1 =$



What do you notice about your answers?



2 Complete the part-whole models.



3 Complete the subtractions.

Use the place value charts to help you. The first one has been started for you.

a) $0.42 - 0.3 =$

Ones	Tenths	Hundredths
	<div>0.1</div> <div>0.1</div> <div>0.1</div> <div>0.1</div>	<div>0.01</div> <div>0.01</div>

b) $0.28 - 0.05 =$

Ones	Tenths	Hundredths
	<div>0.1</div> <div>0.1</div>	<div>0.01</div> <div>0.01</div> <div>0.01</div> <div>0.01</div> <div>0.01</div> <div>0.01</div> <div>0.01</div> <div>0.01</div>

4 Use the column method to work out the subtractions.

a)

		0	•	8	9
	-	0	•	4	

c)

		0	•	7	7
	-	0	•	6	8

b)

		0	•	7	7
	-	0	•	6	4

d)

		0	•	7	
	-	0	•	2	5

5



I can't work out $0.56 - 0.099$ because 99 is bigger than 56

Do you agree with Eva? _____

Work out the answer to $0.56 - 0.099$

6

Find the difference between 53 hundredths and 8 tenths.

Give your answer as a decimal.

The difference between 53 hundredths and 8 tenths is

7

A piece of wood is 0.9 metres long.

It is cut into 3 unequal pieces.

The first piece is 0.2 metres longer than the second piece.

The third piece is 23 hundredths of a metre shorter than the second piece.



How long is each piece of wood?

1st =

2nd =

3rd =

If you have struggled with any of the questions, just go back and rewatch the video to check you are happy. When you're done, open the answers document to check your work.

Lesson 3 - Apply

Starter - Quick 10

Answer these 10 questions, these are all things you know! It'll help to train your brain back to being able to answer those quick-fire questions!

Question	Answer	Question	Answer
EXAMPLE: $2 \times 4 =$	8		
1. $1240 + 9820 =$		6. $7 \times 7 =$	
2. 10 squared =		7. $34 \times 100 =$	
3. $3 \times 8 =$		8. $20 \times 4 =$	
4. $11 \times 6 =$		9. $3678 - 2109 =$	
5. $250 + 10 =$		10. $12809 + 32852 =$	

Activity: There are different practise test questions based on what you have been learning throughout Lesson 1 and Lesson 2.

Circle **two** numbers which **add** to make **0.12**

1.

Handwritten mark

0.1 0.5 0.05 0.7 0.07 0.2

1 mark

2.

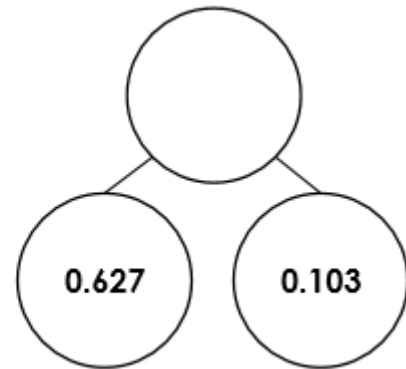
$$0.4 = \frac{?}{100}$$

1 mark

3.



VF



VF

4.

$$0.333 + \boxed{} = 1$$

I think the answer is 0.777
because
 $0.3 + 0.7 = 1$
 $0.03 + 0.07 = 0.1$
 $0.003 + 0.007 = 0.01$



Do you agree with Tommy?
Can you explain what his mistake was?

5.

$$\begin{array}{r} 6.4 \\ - 3.8 \\ \hline \end{array}$$

$$\begin{array}{r} 5.05 \\ - 2.15 \\ \hline \end{array}$$

$$\begin{array}{r} 4.42 \\ + 7.63 \\ \hline \end{array}$$

$$\begin{array}{r} 4.55 \\ + 3.07 \\ \hline \end{array}$$

Well done for working your way through your Maths Worksheets. I can't wait to see how well you've done! Don't forget to check all your work against the answers!

Extension Task

Complete the section you normally do in school!

MENTAL $+/ -$ OF DECIMALS

71

TARGET To practise adding and subtracting decimals mentally.

It can help to imagine missing zeros.

Examples

$$1 - 0.39$$

$$1.00 - 0.39$$

$$\text{Answer } 0.61$$

$$8.5 - 1.46$$

$$8.50 - 1.46$$

$$\text{Answer } 7.04$$

A

Copy and complete.

$$1 \quad 0.1 + \square = 1$$

$$2 \quad 0.7 + \square = 1$$

$$3 \quad 0.5 + \square = 1$$

$$4 \quad 1 - \square = 0.2$$

$$5 \quad 1 - \square = 0.4$$

$$6 \quad 1 - \square = 0.9$$

$$7 \quad 0.35 + \square = 1$$

$$8 \quad 0.75 + \square = 1$$

$$9 \quad 0.15 + \square = 1$$

$$10 \quad 1 - \square = 0.45$$

$$11 \quad 1 - \square = 0.95$$

$$12 \quad 1 - \square = 0.65$$

$$13 \quad 0.6 + \square = 0.8$$

$$14 \quad 1.2 + \square = 1.6$$

$$15 \quad 0.3 + \square = 0.9$$

$$16 \quad \square + 0.4 = 2.75$$

$$17 \quad \square + 1.43 = 1.5$$

$$18 \quad \square + 0.3 = 3.82$$

$$19 \quad 0.9 - 0.2 = \square$$

$$20 \quad 2.6 - 0.37 = \square$$

$$21 \quad 1.8 - \square = 1.4$$

$$22 \quad 3.51 - \square = 3.3$$

$$23 \quad \square - 0.5 = 0.2$$

$$24 \quad \square - 0.49 = 1.6$$

B

Make 1.

$$1 \quad 0.26 + \square$$

$$2 \quad 0.83 + \square$$

$$3 \quad 0.45 + \square$$

$$4 \quad \square + 0.79$$

$$5 \quad \square + 0.12$$

$$6 \quad \square + 0.64$$

$$7 \quad 0.37 + \square$$

$$8 \quad 0.91 + \square$$

$$9 \quad 0.08 + \square$$

$$10 \quad \square + 0.53$$

$$11 \quad \square + 0.72$$

$$12 \quad \square + 0.29$$

$$13 \quad 0.32 + \square$$

$$14 \quad 0.87 + \square$$

$$15 \quad 0.41 + \square$$

$$16 \quad \square + 0.69$$

$$17 \quad \square + 0.16$$

$$18 \quad \square + 0.73$$

$$19 \quad 0.98 + \square$$

$$20 \quad 0.24 + \square$$

$$21 \quad 0.57 + \square$$

$$22 \quad \square + 0.05$$

$$23 \quad \square + 0.86$$

$$24 \quad \square + 0.31$$

Work out

$$25 \quad 1.4 + 0.83$$

$$26 \quad 3.716 + 0.3$$

$$27 \quad 6.5 + 0.95$$

$$28 \quad 3.58 - 0.9$$

$$29 \quad 1.325 - 0.52$$

$$30 \quad 5.4 - 0.14$$

$$31 \quad 2.6 + 0.57$$

$$32 \quad 4.9 + 0.436$$

$$33 \quad 5.18 + 0.721$$

$$34 \quad 4.7 - 0.08$$

$$35 \quad 9.22 - 0.7$$

$$36 \quad 8.093 - 4$$

$$37 \quad 2.4 + 0.65$$

$$38 \quad 1.735 + 0.9$$

$$39 \quad 5.31 + 0.282$$

$$40 \quad 6.489 - 2.05$$

$$41 \quad 7 - 0.36$$

$$42 \quad 1.6 - 0.75$$

$$43 \quad 3 + 0.819$$

$$44 \quad 8.92 + 1.2$$

$$45 \quad 4.7 + 0.637$$

$$46 \quad 2.39 - 0.9$$

$$47 \quad 7.1 - 0.025$$

$$48 \quad 4.24 - 0.111$$

C

Copy and complete.

$$1 \quad 0.625 + \square = 1$$

$$2 \quad 0.185 + \square = 1$$

$$3 \quad 0.935 + \square = 1$$

$$4 \quad 1 - \square = 0.815$$

$$5 \quad 1 - \square = 0.095$$

$$6 \quad 1 - \square = 0.275$$

$$7 \quad 0.755 + \square = 1$$

$$8 \quad 0.565 + \square = 1$$

$$9 \quad 0.345 + \square = 1$$

$$10 \quad 1 - \square = 0.435$$

$$11 \quad 1 - \square = 0.905$$

$$12 \quad 1 - \square = 0.155$$

$$13 \quad 3.15 = 2.108 + \square$$

$$14 \quad 4.3 = \square + 0.81$$

$$15 \quad 7.527 = 6.9 + \square$$

$$16 \quad 5.84 = \square + 0.404$$

$$17 \quad 8 = 7.725 + \square$$

$$18 \quad 2.409 = \square + 0.6$$

$$19 \quad 5 - \square = 4.299$$

$$20 \quad \square - 0.7 = 6.58$$

$$21 \quad 9.46 - \square = 8.9$$

$$22 \quad \square - 0.92 = 1.845$$

$$23 \quad 8.135 - \square = 7.53$$

$$24 \quad \square - 0.625 = 3$$