



Year Four Distance Learning
Week 6
Maths

For each session there is a 'Daily 10'. This includes a mixture of questions not specific to decimals. This will help you keep the maths skills we have previously learnt in your head.

Click on these buttons and they will take you to the correct slide.

This button is at the end of each lesson and will bring you back to this slide.



[Lesson 1](#)

[Lesson 2](#)

Lesson 3

Lesson 4

[Lesson 5](#)

Lesson 1

1. $215 + 1000 =$

2. $9982 \times 0 =$

3. $4 \times 3 \times 2 =$

4. $= 1547 + 258$

5. $\frac{1}{4}$ of 28 =

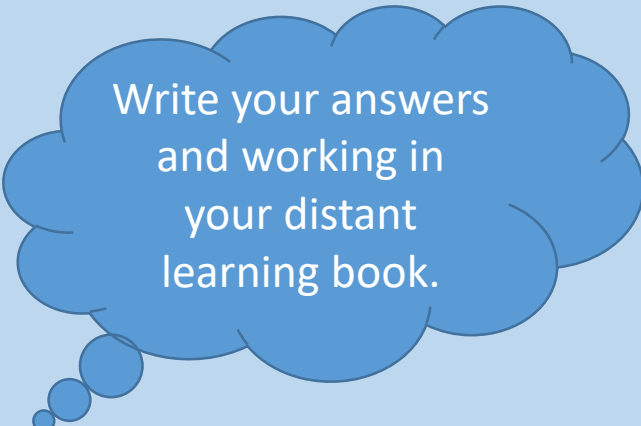
6. $39 \times 7 =$

7. $4509 - 1995 =$

8. Round 3828 to the nearest 100.

9. $78 \div 8 =$

10. $\frac{2}{7} + \frac{3}{7} =$



Write your answers and working in your distant learning book.

Lesson 1- pounds and pence
Summer Term Week 2- Lesson 3

Please watch the video carefully
and join in as you go. Then answer
the questions on the following
slides.

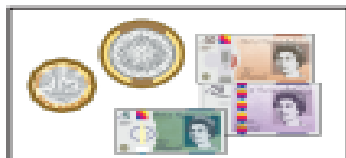
<https://whiterosemaths.com/homelearning/year-4/>

Pounds and pence

1 How much money is there?



p



£

What is the same and what is different?



2



a) Complete the statements.

There is pounds.

There is pence.

There is £ and p.

There is £

b) Draw money so that there are fewer coins but the same total amount.



3 Match the amounts that are equal.

Fill in the missing digits.

460p	£ <input type="text"/> and <input type="text"/> p	£4.62
420p	£4 and 62p	£4.06
<input type="text"/> p	£4 and 6p	£4.20
462p	£4 and 20p	£ <input type="text"/> . <input type="text"/>
426p	£4 and 26p	£4.60

4 Match the person to the correct amount.



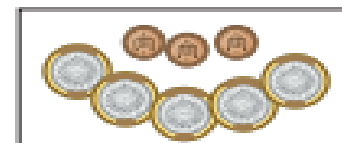
I have a note and some coins.

Ron



I have more than Ron.

Rosie



I have the most money.

Jack



- 5 Amir has a note in his pocket.
Annie has three coins in her pocket.



Amir must have more money than Annie.

Do you agree with Dora? _____

Explain your answer.

- 6 Kim has four coins.
- The coins add to a multiple of 10
 - The total amount is more than £1
 - All the coins are silver.
 - The total is less than £1.50

a) Which four coins could Kim have?

b) How many different combinations can you find?



- 7 Mo has this money.



Decide whether Mo's statements are true (T) or false (F).

Circle your answer and give a reason for your choice.

- a) You can make an amount greater than £11 T F

- b) You can make exactly £1.50 using three coins. T F

- c) You can make exactly £2.02 using four coins. T F

- d) You can make exactly £6.11 T F



Lesson 2

1. $184 + 2348 =$

2. $0.6 \times 2 =$

3. $\frac{5}{12} + \frac{11}{12} = \boxed{} + \frac{1}{12}$

4. $5428 - 228 =$

5. $48 \div 4 =$

6. $3 \times 5 \times 2 =$

7. $1300 = \boxed{} + 1289$

8. Round 3515 to the nearest 10.

9. $53 \times 6 =$

10. $9 \div \boxed{} = 9$

Write your answers and working in your distant learning book.

Lesson 2- Ordering money
Summer Term Week 2- Lesson 4

Please watch the video carefully
and join in as you go. Then answer
the questions on the following
slides.

<https://whiterosemaths.com/homelearning/year-4/>

1 What is the value of the digit 2 in these amounts?

- a) 524p _____
- b) £24 and 50p _____
- c) £54.02 _____
- d) 5,240p _____
- e) £42.54 _____
- f) 2,544p _____

2 Write $<$, $>$ or $=$ to compare each pair of amounts.


a)




○



b)



○



c) How did you compare the amounts?

3 Draw three coins in each box to make the statements correct.

£26.70

$<$



£26.70

$>$



£26.70

$=$



Is there more than one way to make each statement correct?

4 Write $<$, $>$ or $=$ to compare the amounts.

a) 743p 734p d) £40.07 4,003p

b) £37.40 £37.04 e) 4,037p £40.37

c) £3.74 734p f) 7,304p £73.40

5 a) Write the amounts in ascending order.

270p 2,007p 2,700p 720p 7,020p

b) Write the amounts in descending order.

£4.65 £46.50 £6.45 £45.60 £46.05

c) Write the amounts in ascending order.

£21.89 1,289p 8,291p £82.19 9,128p

d) Write the amounts in descending order.

£5.05 550p 5,500p £50.50 £55.05

6 Huan has three different silver coins in his hand.

What amounts could he have?

Write them in ascending order.

7 Teddy has £6.55 and Annie has 673p.

Dexter has more money than Teddy, but less than Annie.

I only have one copper coin.

Dexter



a) How much money could Dexter have? £

b) What different amounts can you find?

8 What could the missing amount of money be?

$369\text{p} < \text{£} \begin{array}{|c|} \hline \square \\ \hline \end{array} \begin{array}{|c|} \hline \square \\ \hline \end{array} - \begin{array}{|c|} \hline \square \\ \hline \end{array} \begin{array}{|c|} \hline \square \\ \hline \end{array} < \text{£}16.63$

Use the digit cards to complete the inequality.



Use each digit card once only.

You do not need to use every card.

Compare answers with a partner. How many different answers can you find?



Lesson 3

1. $4 \times 60 =$

2. $1952 \times 100 =$

3. $40 \div 5 = \boxed{} \times 2$

4. $5 \times 5 \times 5 =$

5. $84 \div 100 =$

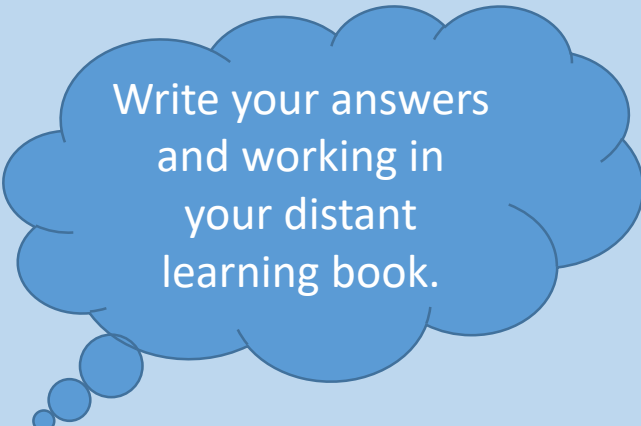
6. Round 2583 to the nearest 100.

7. $\pounds 2.09 + 87\text{p} =$

8. $1.3 + 2.4 =$

9. $2564 + 1254 - 100 =$

10. $\frac{2}{4} = \frac{\boxed{}}{8}$



Write your answers and working in your distant learning book.

Lesson 3- Multiply a 3 digit number by 1 digit number

Summer Term Week 3- Lesson 2

Please watch the video carefully and join in as you go. Then answer the questions on the following slides.

<https://whiterosemaths.com/homelearning/year-4/>

Multiply 3-digits by 1-digit

- 1 Filip uses a place value chart to help him multiply a 3-digit number by a 1-digit number.

Hundreds	Tens	Ones
100	10 10	1 1 1 1
100	10 10	1 1 1 1
100	10 10	1 1 1 1

- a) What multiplication is Filip working out?

$$\square \times \square$$

- b) What is the answer to Filip's multiplication?

- 2 Use place value counters to complete the multiplications.

a) $3 \times 213 = \square$

d) $6 \times 106 = \square$

b) $4 \times 216 = \square$

e) $4 \times 209 = \square$

c) $5 \times 106 = \square$

f) $317 \times 3 = \square$



- 3 Complete the multiplication.

Use the place value chart to help you.

H	T	O
100 100	10	1 1 1
100 100	10	1 1 1
100 100	10	1 1 1

	H	T	O
	2	1	5
\times			3

- 4 Complete the multiplications.

a)

	H	T	O
	2	1	7
\times			4

c)

	H	T	O
	1	0	8
\times			6

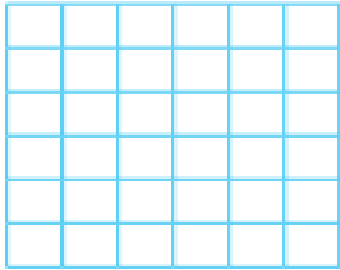
b)

	H	T	O
	4	3	9
\times			2

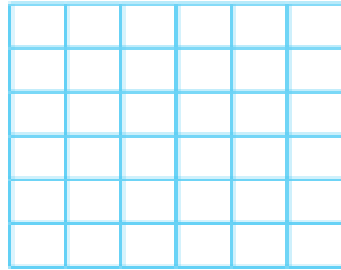
d) 163×5

	H	T	O

e) 3×240



f) 7×131



- 5 A lorry driver travels 156 km per day.
How many kilometres will the lorry driver have travelled after 3 days?

- 6 Ron and Teddy are working out 5×245



Ron

I know the answer will be greater than 1,000 because I know 5×200 is 1,000



Teddy

I know the answer should end in 5 because I know 5×5 is 25

- a) Who is correct? Circle your answer.

Ron

Teddy

both

neither



- b) Use a written method to work out 5×245

- 7 There are 7 year groups in a school.
There are 112 children in each year group.
How many children are there in the whole school?

- 8 A banana weighs 140 g
A pineapple weighs 345 g



- Bag A contains 8 bananas and bag B contains 3 pineapples.
Which bag weighs more and by how much?
Show your working.

Bag _____ weighs g more than bag _____.

Lesson 4

1. $8414 + 542 + 123 =$

2. $76 \times 7 =$

3. $\frac{2}{4} + \frac{3}{4} =$

4. $2.4 - 1.2 =$

5. $1245 - 488 =$

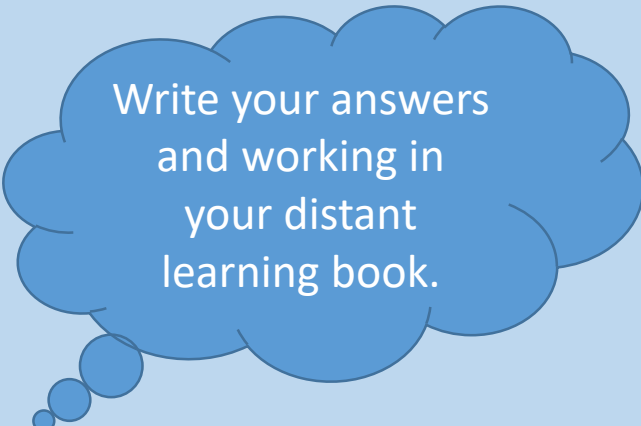
6. $5 \times 3 \times 4 =$

7. $\text{£}2.20 + \text{£}2.46 =$

8. $93 \div 3 =$

9. $0.4 \times 10 =$

10. $\frac{5}{6}$ of 18 =



Write your answers
and working in
your distant
learning book.

Lesson 4- Divide 2-digit by 1-digit number

Summer Term Week 3- Lesson 3

Please watch the video carefully and join in as you go. Then answer the questions on the following slides.

<https://whiterosemaths.com/homelearning/year-4/>

Divide 2-digits by 1-digit (2)

1 Whitney is working out $49 \div 4$ using a place value chart.

Tens	Ones

a) Talk about Whitney's method with a partner.

b) Why is there one counter left over?

c) Complete the division.

$49 \div 4 = \boxed{}$

d) Use place value counters to complete the divisions.

$50 \div 4 = \boxed{}$

$51 \div 4 = \boxed{}$

What do you notice?

2 Complete the divisions.

a) $47 \div 3 = \boxed{}$

b) $26 \div 5 = \boxed{}$

c) $89 \div 4 = \boxed{}$

d) $32 \div 5 = \boxed{}$

e) $49 \div 6 = \boxed{}$

f) $47 \div 4 = \boxed{}$

g) $74 \div 3 = \boxed{}$

h) $81 \div 7 = \boxed{}$

3 Complete the divisions.

a) $36 \div 4 = \boxed{}$

$37 \div 4 = \boxed{}$

$38 \div 4 = \boxed{}$

$39 \div 4 = \boxed{}$

$40 \div 4 = \boxed{}$

c) $45 \div 3 = \boxed{}$

$46 \div 3 = \boxed{}$

$47 \div 3 = \boxed{}$

$48 \div 3 = \boxed{}$

$49 \div 3 = \boxed{}$

b) $70 \div 5 = \boxed{}$

$71 \div 5 = \boxed{}$

$72 \div 5 = \boxed{}$

$73 \div 5 = \boxed{}$

$74 \div 5 = \boxed{}$

d) $92 \div 4 = \boxed{}$

$91 \div 4 = \boxed{}$

$90 \div 4 = \boxed{}$

$89 \div 4 = \boxed{}$

$88 \div 4 = \boxed{}$



- 4 Dora has been working out some divisions.

$$\begin{aligned} 72 \div 4 &= 18 \\ 73 \div 4 &= 18 \text{ r}1 \\ 74 \div 4 &= 18 \text{ r}2 \\ 75 \div 4 &= 18 \text{ r}3 \end{aligned}$$



I know without working it out that $76 \div 4$ must be $18 \text{ r}4$

- a) Why does Dora think this?

- b) Explain why Dora is wrong.

- 5 Eggs come in boxes of 6

Annie has 75 eggs.

She wants to know how many boxes she can fill.



- a) Complete the division to work it out.

$$\square \div \square = \square \text{ r} \square$$



- b) What does the remainder represent?

Talk about it with a partner.

- c) Complete the sentence.

Annie can fill boxes with eggs left over.

- 6 Jack has these bulbs.

	Daffodils 49
	Tulips 63
	Crocuses 98

Equal numbers of each bulb are put into 4 tubs.

How many of each bulb will be in each tub?

Daffodils Tulips Crocuses

How many of each bulb will be left over?

Daffodils Tulips Crocuses

How many tubs could Jack use so that there are no bulbs left over?



Lesson 5

1. $8414 + 3245 =$

2. $467 \times 3 =$

3. $2.4 - 0.3 =$

4. $9744 - 1240 =$

5. $0.9 \div 10 =$

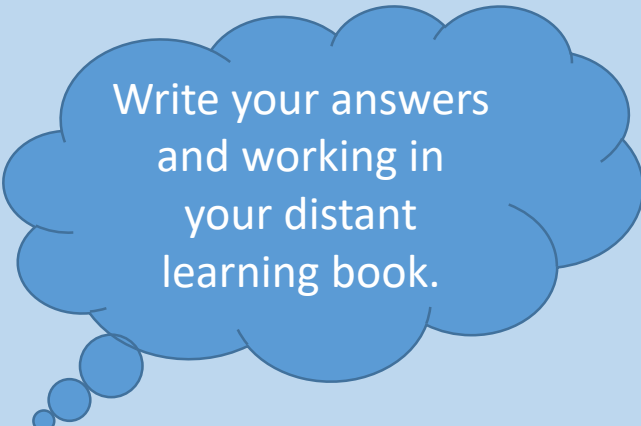
6. $\frac{11}{12} + \frac{5}{12} =$

7. $\text{£}2.66 + 358\text{p} =$

8. $2.7 + 3.6 =$

9. $8 \times 4 \times 3 =$

10. $\frac{8}{9} - \frac{2}{9} =$



Write your answers
and working in
your distant
learning book.

Lesson 5- Divide 3-digit by 1-digit number

Summer Term Week 3- Lesson 4

Please watch the video carefully and join in as you go. Then answer the questions on the following slides.

<https://whiterosemaths.com/homelearning/year-4/>

Divide 3-digits by 1-digit

1 Jack is working out $844 \div 4$ using a place value chart.

H	T	O
100 100	10	1
100 100	10	1
100 100	10	1
100 100	10	1

- a) Talk about Jack's method with a partner.
b) Complete the division.

$$844 \div 4 = \square$$

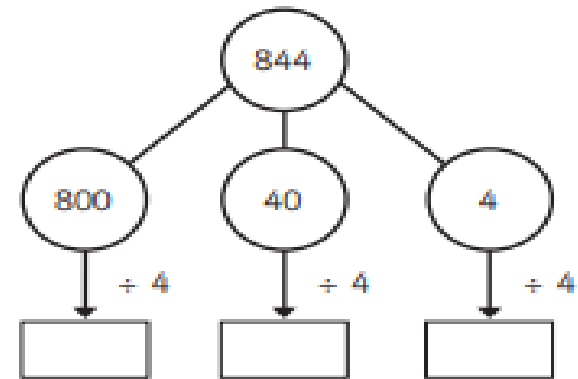
2 Use Jack's method to work out these divisions.

a) $525 \div 5 = \square$ c) $840 \div 8 = \square$

b) $636 \div 6 = \square$ d) $903 \div 3 = \square$



3 Eva is working out $844 \div 4$ using a part-whole model.



Complete Eva's method.

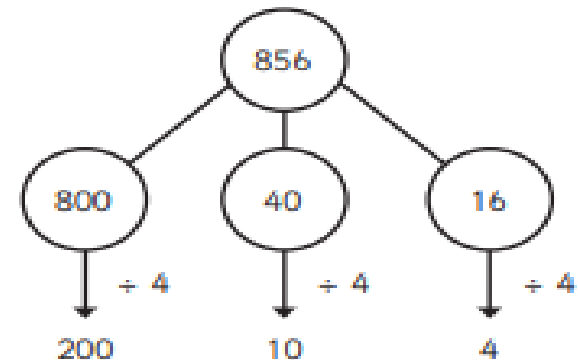
$$844 \div 4 = \square$$

4 A ball of string is 848 cm long.

It is cut into 4 equal pieces.

What is the length of one piece of string?

5 Whitney is using flexible partitioning to divide a 3-digit number.



Could Whitney have partitioned her number another way?



Use Whitney's method to work out these divisions.

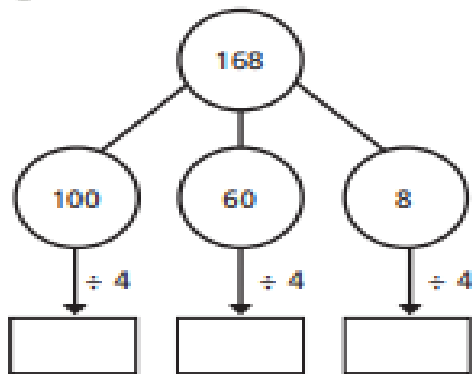
a) $585 \div 5 =$

c) $648 \div 4 =$

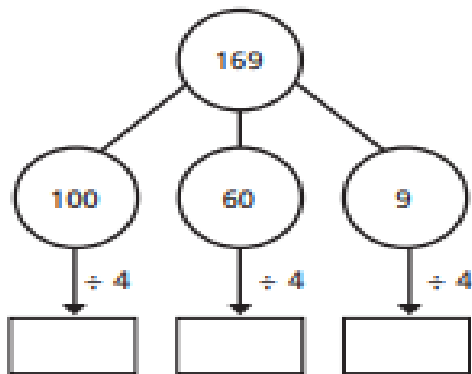
b) $672 \div 6 =$

d) $847 \div 7 =$

6 Complete the part-whole models and divisions.



$168 \div 4 =$



$169 \div 4 =$

What is the same and what is different about the calculations?

Talk about it with a partner.

7 Complete the divisions.

a) $258 \div 6 =$

c) $864 \div 4 =$

b) $623 \div 5 =$

d) $824 \div 3 =$



8 Eva has a piece of ribbon.



The ribbon measures 839 cm long.

How much ribbon would be left over if she cuts it into:

a) 4 equal pieces

b) 6 equal pieces

c) 8 equal pieces

Can Eva cut the ribbon into equal pieces with no ribbon left over?

Explain your answer.

9 Use 15 counters and a place value chart.

a) Make a number that is divisible by 3

b) Make a number that has a remainder of 1 when divided by 3

c) Make a number that has a remainder of 2 when divided by 3

Create your own problem like this for a partner.

