

Class 3 Home Learning, week beginning 1st June 2020

Maths - Year 4

Summer Term

Week 3 (w/c 4th May)

Lesson 3

Divide a 2-digit number by a 1-digit number

We have looked at dividing a 2-digit number by a 1-digit number in class this year.

For today's lesson, there will be some activities linked to this, as well as dividing a 3-digit number by a 1-digit number.

If you are confident with this maths, I have included an extra activity (using mental methods to solve word problems).

Please watch the video on the White Rose Maths Home Learning website if you need a reminder of how to divide a 2-digit number by a 1-digit number.

Can I divide a 2-digit number by a 1-digit number?

Challenge 1

This page does not need to be printed out. Please write the short date you do the work and the above question in your maths book, underlining them with a ruler. Remember to also write which activity you choose (you do not have to do both).

Activity 1

Complete the worksheet which can be found on the White Rose Maths Home Learning website. You do not need to print it out, just do your best to copy and complete the question when possible, or to just show your calculations and write the answer in your maths book.

Lesson 3 - Divide 2-digit by 1-digit number

There are 61 doughnuts. A box holds 4 doughnuts.

61
40 21

1) How many full boxes will there be?
2) How many doughnuts will be left over?
3) How many boxes are needed for all the doughnuts?

$61 \div 4 =$

Tens	Ones
●	
●	
●	
●	

12:09

Get the Activity

Y4 Lesson 3 Divide 2-digits by 1-digit (2) 2019

Get the Answers

Y4 Lesson 3 Answers Divide 2-digits by 1-digit (2) 2019

Activity 2

Choose Challenge 'A' from the work on the next page. Please copy the question into your maths book. Remember to write one digit/symbol per square!

Can I divide a 2 or 3-digit number by a 1-digit number?

This page does not need to be printed out. Please write the short date you do the work and the above question in your maths book, underlining them with a ruler. Remember to also write which challenge you choose.

Challenge 1: choose 'A'

Challenge 2: choose 'B'

Challenge 3: choose 'C'

Please copy the question in full in your maths book, remembering one digit/symbol per square.

A

Work out

- 1 $26 \div 2$
- 2 $75 \div 5$
- 3 $68 \div 4$
- 4 $45 \div 3$
- 5 $34 \div 2$
- 6 $84 \div 6$
- 7 $54 \div 3$
- 8 $65 \div 5$
- 9 $56 \div 4$
- 10 $84 \div 7$
- 11 $38 \div 2$
- 12 $117 \div 9$
- 13 $95 \div 5$
- 14 $42 \div 3$
- 15 $104 \div 8$
- 16 $72 \div 4$
- 17 $30 \div 2$
- 18 $96 \div 6$
- 19 $90 \div 5$
- 20 $98 \div 7$

B

Work out

- | | |
|----------------|------------------|
| 1 $57 \div 3$ | 9 $130 \div 5$ |
| 2 $108 \div 6$ | 10 $162 \div 9$ |
| 3 $95 \div 5$ | 11 $75 \div 3$ |
| 4 $135 \div 9$ | 12 $138 \div 6$ |
| 5 $86 \div 2$ | 13 $76 \div 4$ |
| 6 $144 \div 8$ | 14 $126 \div 7$ |
| 7 $68 \div 4$ | 15 $68 \div 2$ |
| 8 $133 \div 7$ | 16 $198 \div 11$ |
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- 17 Three pavement slabs weigh 87 kg altogether. What does one slab weigh?
 - 18 Guy's book has 112 pages. He has read one eighth of the book. How many pages has he read?
 - 19 Yvonne buys five theatre tickets for £80. How much does each ticket cost?
 - 20 There are nine Penguins in each pack. How many packs can be made from 207 biscuits?

C

Work out

- | | |
|----------------|------------------|
| 1 $168 \div 7$ | 9 $304 \div 8$ |
| 2 $297 \div 9$ | 10 $222 \div 3$ |
| 3 $92 \div 2$ | 11 $324 \div 6$ |
| 4 $150 \div 6$ | 12 $364 \div 7$ |
| 5 $344 \div 8$ | 13 $495 \div 9$ |
| 6 $280 \div 7$ | 14 $256 \div 4$ |
| 7 $385 \div 5$ | 15 $288 \div 8$ |
| 8 $243 \div 9$ | 16 $516 \div 12$ |
-
- 17 A tub holds 525 ml of ice cream. It is shared equally between seven dishes. How much is in each dish?
 - 18 There are eight flowers in each tray. How many trays can be made from 224 flowers?
 - 19 Tickets for a boat trip cost £9 each. Ticket sales total £414. How many tickets have been sold?



Can I use mental methods to solve word problems (x/÷)?

Extra activity

This page does not need to be printed out. Please write the short date you do the work and the above question in your maths book, underlining them with a ruler. Remember to also write which challenge you choose.

For these questions, the aim is to solve them in your head and then only write the answers in your maths book.

A

- 1 Divide 18 by 6.
- 2 Multiply 4 by 8.
- 3 Halve 12.
- 4 Find 8 lots of 10.
- 5 Share 15 by 3.
- 6 What is the product of 9 and 5?
- 7 Double 9.
- 8 How many £5 notes make £30?
- 9 What number, when multiplied by 4 gives an answer of 48?
- 10 How many days are there in three weeks?
- 11 What number, when divided by 4, gives an answer of 40?
- 12 How much is seven 5p's?
- 13 How many pairs can be made from 17 children?
- 14 There are 12 balls in each box. How many balls are there in ten boxes?
- 15 What is one eighth of 24?

B

- 1 Find 5 groups of 9.
- 2 What number, when multiplied by 8, gives an answer of 48?
- 3 What is the product of 9 and 6?
- 4 Divide 42 by 7.
- 5 Karen has two skirts and nine blouses. How many different outfits can she make?
- 6 How many teams of 3 can be made from 36 children?
- 7 There are 8 flowers in each bunch and five bunches. How many flowers are there altogether?
- 8 What number, when divided by 7, gives an answer of 4?
- 9 How many straws are needed to make seven triangles?
- 10 How many £10 notes make £100?
- 11 Eight oranges are cut into quarters. How many quarters are there?
- 12 What is 6 multiplied by itself?

C

- 1 There are 8 rolls in one packet. How many are there in 9 packets?
- 2 How many 20 g weights make 160 g?
- 3 There are eleven players in one football team. How many are there in 4 teams?
- 4 Find one seventh of 63?
- 5 A shop sells 25 flavours of ice cream in three sizes. How many different ice creams can be bought?
- 6 Which number, when multiplied by itself gives an answer of 121?
- 7 There are five cakes on each plate. How many plates are needed for 60 cakes?
- 8 How many seconds are there in four minutes?
- 9 How many weeks make 56 days?
- 10 How many boxes of six can be made from 58 eggs? How many eggs are left over?
- 11 There are 40 straws in each packet. How many packets can be made from 200 straws?
- 12 How many 50p coins make £3.50?