

Year 4 Homework – 26.04.24

Homework

Maths

In maths this week, the children have been dividing one and 2-digit numbers by 10 and 100. Please see the worksheet attached to complete. Mild (Q1-5), Hot, (Q1-6) and Flamin' (Q1-8).

Year 4 Multiplication Check

In June 2024, all children in Year 4 will have a multiplication check which will take place in school to test their knowledge of times tables up to 12x12. The pupils will have 25 questions but only six seconds to answer each question, therefore it is very important the children learn each times table thoroughly.

In order to prepare for this, children are learning a times table each week for homework but they also need to recap on old times tables too. Please encourage your child to practise using the link below which is an example of how the test will actually look.

<https://mathsframe.co.uk/en/resources/resource/477/Multiplication-Tables-Check>

For more information, click on the link below:

https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/869846/2020_Information_for_parents_multiplication_tables_check.pdf

Spellings

This week my score was _____/10

Please learn the spellings provided in your reading diary.

Reading

Reading diaries are currently on their way and are due to be delivered to school at the end of the month so we will pass these onto the children when we receive them. In the meantime, please keep reading as normal. Thank you!

Homework is due to be handed in on a Wednesday.

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Ones	Tenths	Hundredths

- a) Draw counters to show 8 on a place value chart.
- b) Complete the division. $8 \div 10 = \square$
- c) Draw counters to show your answer on a place value chart.
- d) Divide your answer by 10 again.

Draw counters to show your answer on a place value chart.

- e) Complete the division. $\square \div 10 = \square$
- f) Complete the division. $8 \div 100 = 8 \div 10 \div 10 = \square$



- 2** Complete the sentence.
To divide a number by 100, you move the counters places to the _____

- 3** Complete the calculations.

- a) $3 \div 100 = \square$
- b) $90 \div 100 = \square$
- c) $\square = 5 \div 100$
- d) $\square = 60 \div 100$
- e) $\square \div 100 = 0.5$
- f) $0.02 = \square \div 100$

- 4** Tiny is working out $48 \div 100$ using a place value chart.

Tens	Ones	Tenths	Hundredths
●●●●	●●●●●●		



To divide by 100 you move two places to the right, so $48 \div 100$ is 40.08

Tens	Ones	Tenths	Hundredths
●●●●			●●●●●●

- a) Explain the mistake that Tiny has made.
- b) Work out the division. $48 \div 100$

- 5** The Gattegno chart shows the number 37

10	20	30	40	50	60	70	80	90
1	2	3	4	5	6	7	8	9
0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09

- a) Explain how you would work out $37 \div 100$ using this chart.
Compare answers with a partner.
- b) Use the Gattegno chart to work out the division. $92 \div 100$
- c) Use the Gattegno chart to work out the division. $19 \div 100$



4 Tiny is working out $48 \div 100$ using a place value chart.

Tens	Ones	Tenths	Hundredths
●●●●	●●●● ●●●●		



To divide by 100 you move two places to the right, so $48 \div 100$ is 40.08

Tens	Ones	Tenths	Hundredths
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- a) Explain the mistake that Tiny has made.
- b) Work out the division. $48 \div 100$

5 The Gattegno chart shows the number 37

10	20	30	40	50	60	70	80	90
1	2	3	4	5	6	7	8	9
0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09

- a) Explain how you would work out $37 \div 100$ using this chart.
Compare answers with a partner.
- b) Use the Gattegno chart to work out the division. $92 \div 100$
- c) Use the Gattegno chart to work out the division. $19 \div 100$

6 Complete the calculations.

- a) $31 \div 100 = \square$
- b) $60 \div 100 = \square$
- c) $\square = 85 \div 100$
- d) $0.01 = \square \div 100$
- e) $\square = 29 \div 100$
- f) $\square \div 100 = 0.58$
- g) $0.4 = \square \div 100$
- h) $0.3 = 30 \div \square$

7

Dividing by 100 is always the same as dividing by 10 twice.



Do you agree with Amir?

Explain your answer.

8 Roll two dice to make two 2-digit numbers.

Divide your numbers by 100. Record your answer. Roll again.

Here is an example.



$36 \div 100$
$63 \div 100$

What is the greatest possible answer you can get?

What is the smallest possible answer?

Compare answers with a partner.