Varied Fluency Step 10: Divide 1 or 2-Digits by 100

National Curriculum Objectives:

Mathematics Year 4: (4F9) Find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths

Differentiation:

Developing Questions to support dividing 1 digit numbers by 100. Expected Questions to support dividing 1 or 2-digit numbers by 100. Greater Depth Questions to support dividing 1 or 2-digit numbers by 100 where the inverse operation is required to find missing digits.

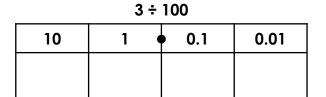
More Year 4 Decimals resources.

Did you like this resource? Don't forget to review it on our website.

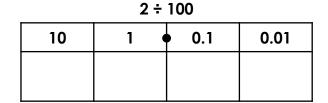
Divide 1 or 2-Digits by 100

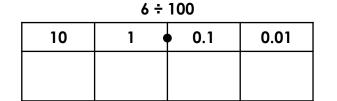
Divide 1 or 2-Digits by 100

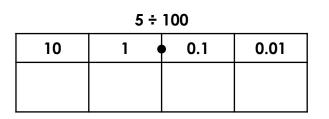
1a. Draw counters to show the answers to the calculations.



1b. Draw counters to show the answers to
the calculations.





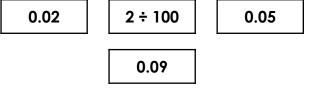


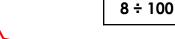




2a. Match the calculations to the correct decimal and find the odd one out.

VF









3a. Circle the number that is 100 times smaller than eight.

0.08

80.0

3b. Circle the number that is 100 times smaller than seven.

0.70	70.0	7.0	0.07
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4a. Complete these calculations.

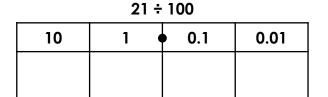




Divide 1 or 2-Digits by 100

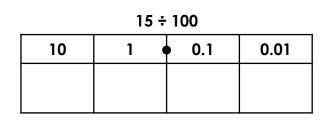
Divide 1 or 2-Digits by 100

5a. Draw counters to show the answers to the calculations.



5b. Draw counters to show the answers to the calculations.

42 ÷ 100						
10	1 •	0.1	0.01			





6a. Match the calculations to the correct decimal and find the odd one out.

0.76

23 ÷ 100

0.34

5 ÷ 100

0.05

0.23

0.7

6b. Match the calculations to the correct decimal and find the odd one out.

0.03

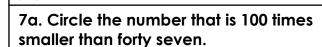
49 ÷ 100

60 ÷ 100

0.59

0.54

0.6



4.7

0.40

0.47

470

7b. Circle the number that is 100 times smaller than eighty one.



8.1

8b. Complete these calculations.

81

0.81



93

20





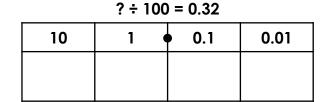
Divide 1 or 2-Digits by 100

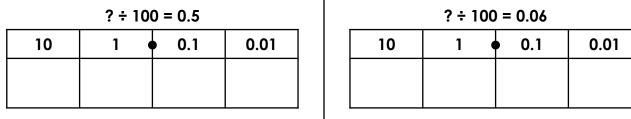
Divide 1 or 2-Digits by 100

9a. Draw counters to show the original number.

? ÷ 100 = 0.27						
10	1 •	0.1	0.01			

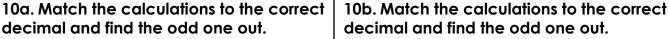
9b. Draw counters to show the original	ıl
number.	

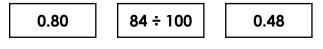


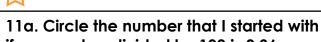


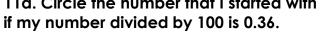


0.75











11b. Circle the number that I started with if my number divided by 100 is 0.7.





12b. Complete these calculations.

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Developing

1a. $3 \div 100 = 3$ counters in the 0.01 column to represent 0.03.

 $6 \div 100 = 6$ counters in the 0.01 column to represent 0.06.

2a. 0.5 = odd one out

3a. 0.08

4a. 0.07, 0.01, 0.04

Expected

5a. $21 \div 100 = 2$ counters in the 0.1 column and 1 counter in the 0.01 column to represent 0.21.

 $30 \div 100 = 3$ counters in the 0.1 column to represent 0.30.

6a. 0.7 = odd one out

7a. 0.47

8a. 0.04, 0.28, 0.53, 0.79

Greater Depth

9a. 2 counters in the 10 column and 7 counters in the 1 column to represent the original number of 27.

5 counters in the 10 column to represent the original number of 50.

10a. 0.67 = odd one out

11a, 36

12a. 18, 60, 5, 92

Developing

1b. $2 \div 100 = 2$ counters in the 0.01 column to represent 0.02.

 $5 \div 100 = 5$ counters in the 0.01 column to represent 0.05.

2b. 0.80 = odd one out

3b. 0.07

4b. 0.06, 0.09, 0.03

Expected

5b. $42 \div 100 = 4$ counters in the 0.1 column and 2 counters in the 0.01 column to represent 0.42.

15 ÷ 100 = 1 counter in the 0.1 column and 5 counters in the 0.01 column to represent 0.15.

6b. 0.59 = odd one out

7b. 0.81

8b. 0.93, 0.37, 0.74, 0.2 or 0.20

Greater Depth

9b. 3 counters in the 10 column and 2 counters in the 1 column to represent the original number of 32.

6 counters in the 1 column to represent the original number of 6.

10b. 0.08 = odd one out

11b. 70.0

12b. 9, 26, 10, 63

