Varied Fluency
Step 6: Divide 2 Digits by 1 Digit 2

National Curriculum Objectives:

Mathematics Year 3: (3C6) Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables
Mathematics Year 3: (3C7) Write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods

Differentiation:

Developing Questions to support dividing a 2-digit number by a 1-digit number where some questions have one exchange. Includes 2, 3, 4, 5 and 8 times tables. Supported with pictorial representations and scaffolding for all questions. No remainders are used.
Expected Questions to support dividing any 2-digit number by a 1-digit number with one exchange. Includes 2, 3, 4, 5 and 8 times tables. Supported with pictorial representations and some incomplete calculations. No remainders are used.
Greater Depth Questions to support dividing any 2-digit number by a 1-digit number with one exchange. Includes 2, 3, 4, 5 and 8 times tables. Some missing numbers within calculations alongside partial pictorial representation. No remainders are used.

More Year 3 Multiplication and Division resources.

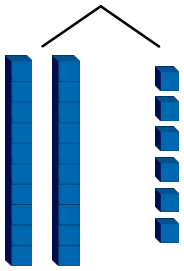
Did you like this resource? Don't forget to review it on our website.

Divide 2 Digits by 1 Digit 2

Divide 2 Digits by 1 Digit 2

1a. True or false?

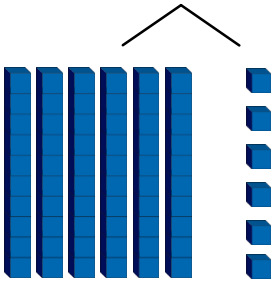
26 ÷ 2 = 14



D VF

1b. True or false?

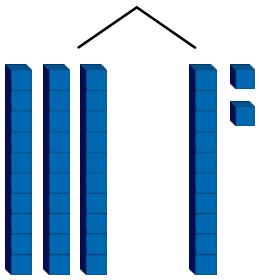
66 ÷ 6 = 13



D VF

2a. Share the partitioned Base 10 equally to help you solve the calculation below.

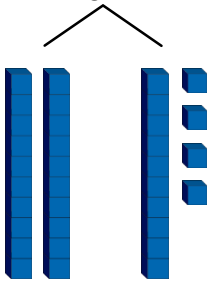
42 ÷ 3 = ☐



D VF

2b. Share the partitioned Base 10 equally to help you solve the calculation below.

34 ÷ 2 = ☐



D VF

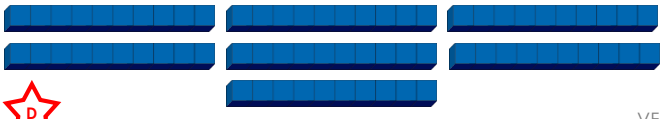
3a. Using Base 10, partition and solve the calculation below.

32 ÷ 2 = ☐

D VF

3b. Using Base 10, partition and solve the calculation below.

70 ÷ 5 = ☐



D VF

4a. Find the correct answer for the calculation.

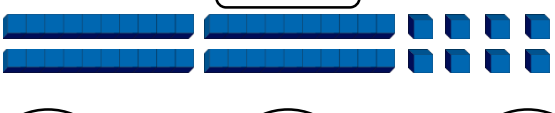
75 ÷ 5

18 14 15

D VF

4b. Find the correct answer for the calculation.

48 ÷ 3



14 15 16

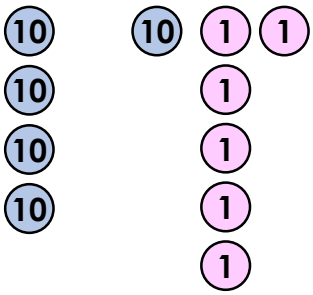
D VF

Divide 2 Digits by 1 Digit 2

Divide 2 Digits by 1 Digit 2

5a. True or false?

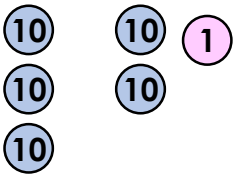
56 ÷ 4 = 13



VF

5b. True or false?

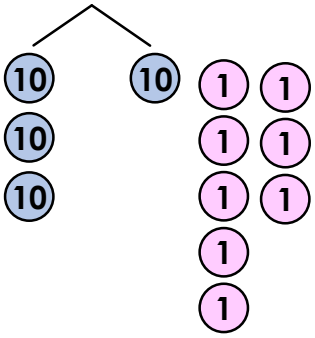
51 ÷ 3 = 17



VF

6a. Share the partitioned counters equally to help you solve the calculation below.

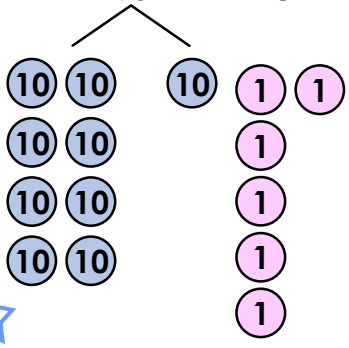
48 ÷ 3 = ☐



VF

6b. Share the partitioned counters equally to help you solve the calculation below.

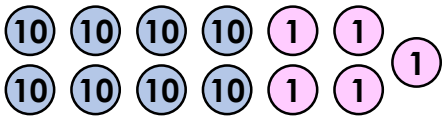
96 ÷ 8 = ☐



VF

7a. Using place value counters, partition and solve the calculation below.

☐ ÷ 5 = ☐



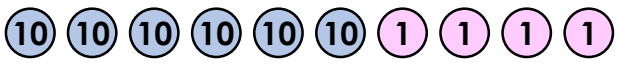
VF

7b. Using place value counters, partition and solve the calculation below.

☐ ÷ 4 = ☐

VF

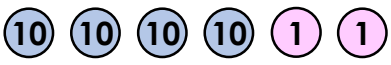
8a. Write the calculation represented below and find the correct answer.



16 11 15

VF

8b. Write the calculation represented below and find the correct answer.



14 12 13

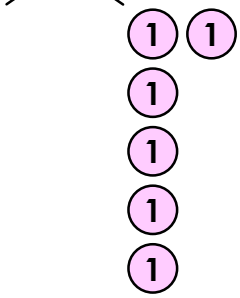
VF

Divide 2 Digits by 1 Digit 2

Divide 2 Digits by 1 Digit 2

9a. True or false? Using partitioning, complete the pictorial representation to support your answer.

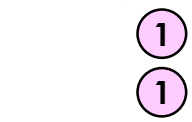
96 ÷ 6 = 16



GD VF

9b. True or false? Using partitioning, complete the pictorial representation to support your answer.

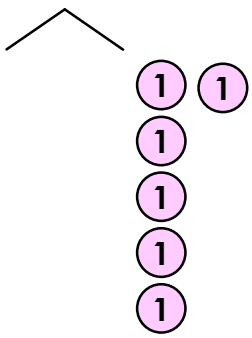
72 ÷ 4 = 14



GD VF

10a. Draw tens, partition and share all the counters equally to help you solve the calculation below.

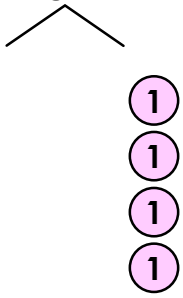
76 ÷ 4 = ☐



GD VF

10b. Draw tens, partition and share the counters equally to help you solve the calculation below.

84 ÷ 6 = ☐



GD VF

11a. Solve the calculation below. Draw place value counters to support your answer.

75 ÷ 5 ÷ 3 = ☐

GD VF

11b. Solve the calculation below. Draw place value counters to support your answer.

96 ÷ 6 ÷ 4 = ☐

GD VF

12a. Match the number sentences to the correct answer cards.

84 ÷ 4 ÷ 3	5
90 ÷ 6 ÷ 3	4
96 ÷ 6 ÷ 4	7

GD VF

12b. Match the number sentences to the correct answer cards.

72 ÷ 6 ÷ 3	2
96 ÷ 8 ÷ 4	4
80 ÷ 8 ÷ 5	3

GD VF

Varied Fluency
Divide 2 Digits by 1 Digit 2

Developing

1a. False, 26 ÷ 2 = 13
2a. 42 ÷ 3 = 14
3a. 32 ÷ 2 = 16
(20 ÷ 2 = 10, 12 ÷ 2 = 6, 10 + 6 = 16)
4a. 75 ÷ 5 = 15

Expected

5a. False, 56 ÷ 4 = 14
6a. 48 ÷ 3 = 16
7a. 85 ÷ 5 = 17
(50 ÷ 5 = 10, 35 ÷ 5 = 7, 10 + 7 = 17)
8a. 64 ÷ 4 = 16

Greater Depth

9a. True; 6 tens should be drawn on the left and 3 tens should be drawn with the ones.
10a. 76 ÷ 4 = 19
(40 ÷ 4 = 10, 36 ÷ 4 = 9, 10 + 9 = 19)
11a. 75 ÷ 5 ÷ 3 = 5; accept any representation that accurately shows the calculation.
12a. 84 ÷ 4 ÷ 3 = 7; 90 ÷ 6 ÷ 3 = 5;
96 ÷ 6 ÷ 4 = 4

Varied Fluency
Divide 2 Digits by 1 Digit 2

Developing

1b. False, 66 ÷ 6 = 11.
2b. 34 ÷ 2 = 17
3b. 70 ÷ 5 = 14
(50 ÷ 5 = 10, 20 ÷ 5 = 4, 10 + 4 = 14)
4b. 48 ÷ 3 = 16

Expected

5b. True
6b. 96 ÷ 8 = 12
7b. 52 ÷ 4 = 13
(40 ÷ 4 = 10, 12 ÷ 4 = 3, 10 + 3 = 13)
8b. 42 ÷ 3 = 14

Greater Depth

9b. False, 72 ÷ 4 = 18; 4 tens should be drawn on the left and 3 tens should be drawn with the ones.
10b. 84 ÷ 6 = 14
(60 ÷ 6 = 10, 24 ÷ 6 = 4, 10 + 4 = 14)
11b. 96 ÷ 6 ÷ 4 = 4; accept any representation that accurately shows the calculation.
12b. 72 ÷ 6 ÷ 3 = 4; 96 ÷ 8 ÷ 4 = 3;
80 ÷ 8 ÷ 5 = 2