Varied Fluency
Step 8: Divide 2 Digits by 1 Digit 1

National Curriculum Objectives:

Mathematics Year 4: (4C6a) Recall multiplication and division facts for multiplication tables up to 12 × 12
Mathematics Year 4: (4C6b) Use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers
Mathematics Year 4: (4C8) Solve problems involving multiplying and adding, including using the distributive law to multiply two digit numbers by one digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects

Differentiation:

Developing Questions to support dividing 2-digit numbers by 1 digit without exchanging. Supported with pictorial representation and scaffolding for all questions.
Expected Questions to support dividing 2-digit numbers by 1 digit with some exchanging. Supported with pictorial representations.
Greater Depth Questions to support dividing 2-digit numbers by 1 digit with exchanges. Includes multi-step and incomplete calculations.

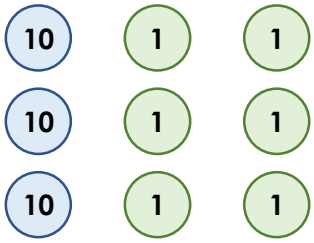
More Year 4 Multiplication and Division resources.

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

Divide 2 Digits by 1 Digit 1

1a. True or false? The answer is 14.

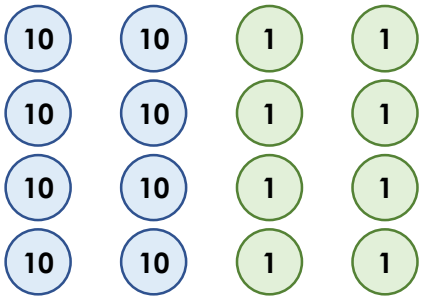
$36 \div 3 = \square$



D VF

1b. True or false? The answer is 12.

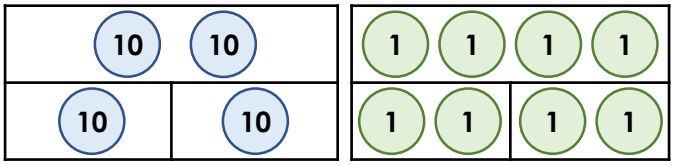
$88 \div 4 = \square$



D VF

2a. Use the bar model to solve the following calculation:

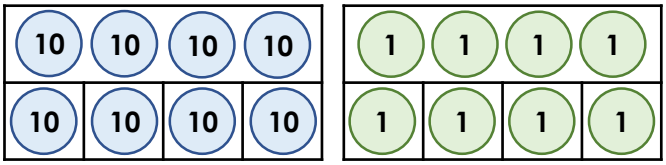
$24 \div 2 = \square$



D VF

2b. Use the bar model to solve the following calculation:

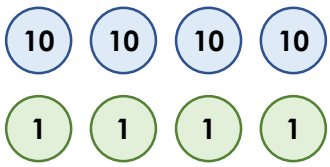
$44 \div 4 = \square$



D VF

3a. Use the counters to solve the calculation.

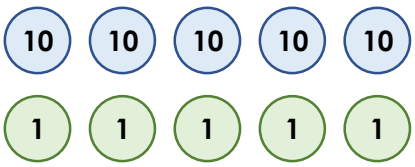
$44 \div 2 = \square$



D VF

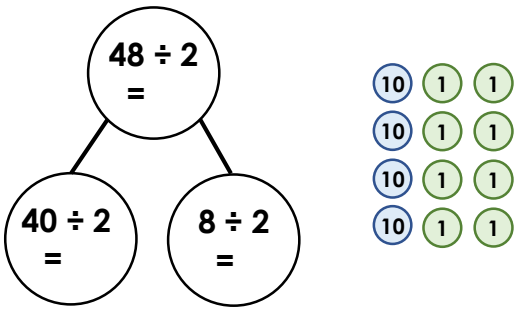
3b. Use the counters to solve the calculation.

$55 \div 5 = \square$



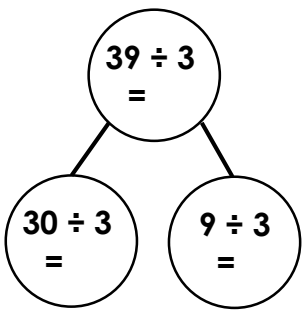
D VF

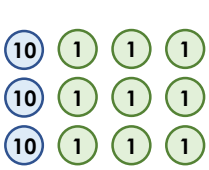
4a. Complete the part-whole model.



D VF

4b. Complete the part-whole model.



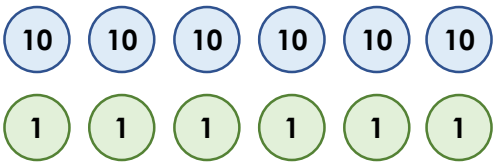


D VF

Divide 2 Digits by 1 Digit 1

5a. True or false? The answer is 15.

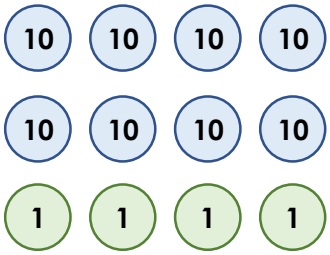
66 ÷ 6 = ☐



VF

5b. True or false? The answer is 12.

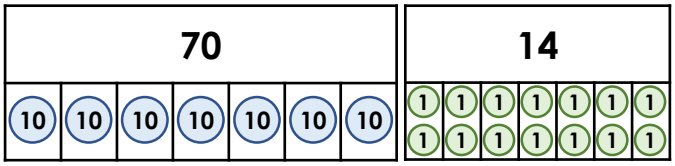
84 ÷ 4 = ☐



VF

6a. Use the bar model to complete the following calculation:

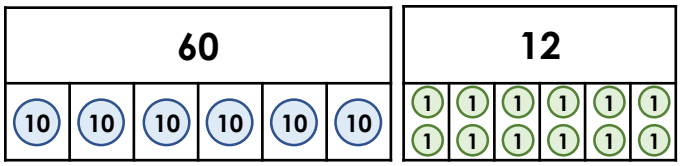
☐ ÷ 7 = ☐



VF

6b. Use the bar model to complete the following calculation:

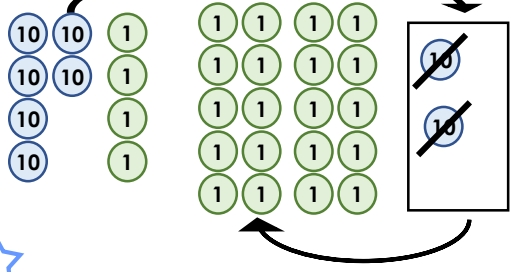
☐ ÷ 6 = ☐



VF

7a. Use the counters to solve the calculation.

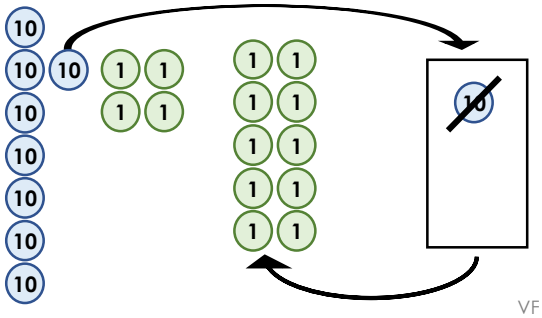
64 ÷ 4 = ☐



VF

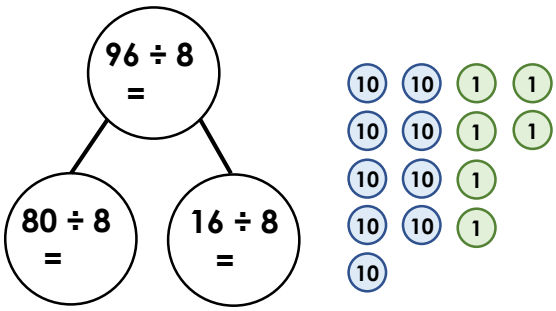
7b. Use the counters to solve the calculation.

84 ÷ 7 = ☐



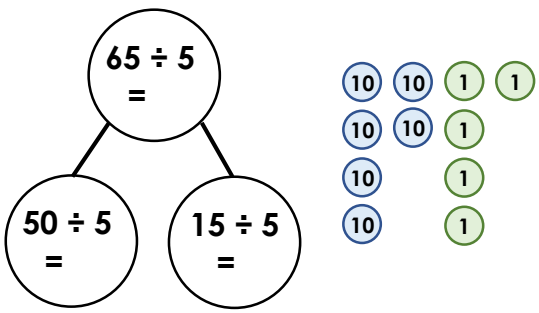
VF

8a. Complete the part-whole model.



VF

8b. Complete the part-whole model.



VF

Divide 2 Digits by 1 Digit 1

9a. True or false? The difference between the two answers is 1.

$91 \div 7 = \square$

$96 \div 8 = \square$

GD VF

9b. True or false? Both answers to the calculations below are divisible by 8.

$96 \div 6 = \square$

$96 \div 8 = \square$

GD VF

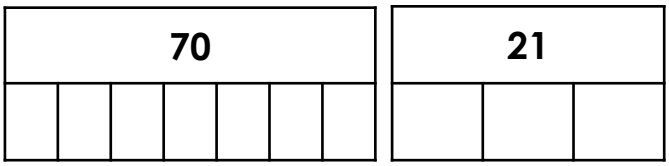
10a. Use the bar model to solve the following calculation:

$\square \div 5 = \square$

GD VF

10b. Use the bar model to solve the following calculation:

$\square \div 7 = \square$



GD VF

11a. Solve the following calculations.

$9\square \div 6 = \square 6$

$8\square \div 7 = 1\square$

GD VF

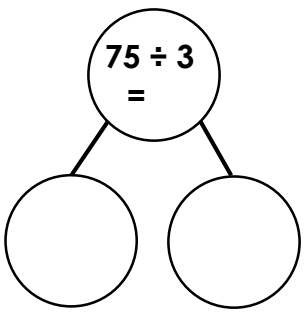
11b. Solve the following calculations.

$9\square \div 8 = \square 2$

$6\square \div 4 = \square 7$

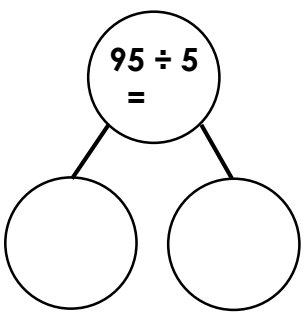
GD VF

12a. Complete the part-whole model.



GD VF

12b. Complete the part-whole model.



GD VF

Varied Fluency
Divide 2 Digits by 1 Digit 1

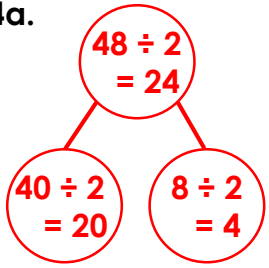
Developing

1a. False; 36 ÷ 3 = 12

2a. 12

3a. 22

4a.



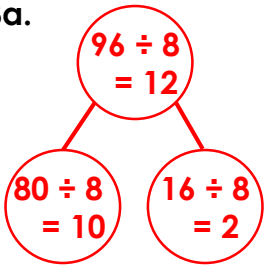
Expected

5a. False; 66 ÷ 6 = 11

6a. 84 ÷ 7 = 12

7a. 16

8a.



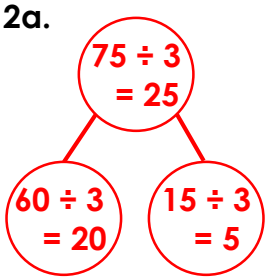
Greater Depth

9a. True; 91 ÷ 7 = 13 and 96 ÷ 8 = 12; 13 – 12 = 1

10a. 75 ÷ 5 = 15

11a. 96 ÷ 6 = 16; 84 ÷ 7 = 12

12a.



Varied Fluency
Divide 2 Digits by 1 Digit 1

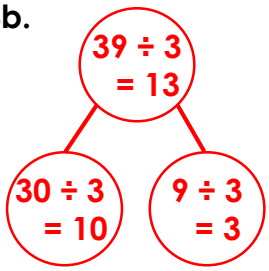
Developing

1b. False; 88 ÷ 4 = 22

2b. 11

3b. 11

4b.



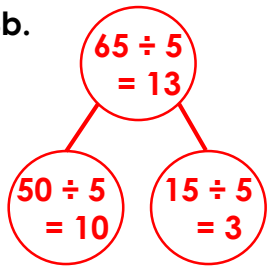
Expected

5b. False; 84 ÷ 4 = 21

6b. 72 ÷ 6 = 12

7b. 12

8b.



Greater Depth

9b. False; 96 ÷ 6 = 16 and 96 ÷ 8 = 12; 12 is not divisible by 8

10b. 91 ÷ 7 = 13,

11b. 96 ÷ 8 = 12; 68 ÷ 4 = 17

12b.