

Varied Fluency

Step 9: Divide 2 Digits by 1 Digit 2

National Curriculum Objectives:

Mathematics Year 4: (4C6a) [Recall multiplication and division facts for multiplication tables up to \$12 \times 12\$](#)

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 a 1-digit number with pictorial support and no exchanging; includes remainders.

Expected Questions to support dividing 2-digit numbers by a 1-digit number with pictorial support and some exchanging; includes remainders.

Greater Depth Questions to support dividing 2-digit numbers by 1-digit number without pictorial support and with exchanges; includes remainders.

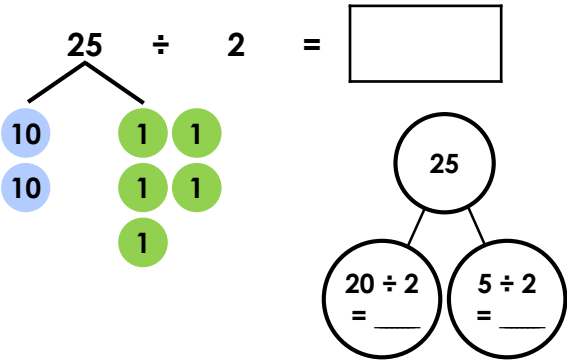
More [Year 4 Multiplication and Division](#) resources.

Did you like this resource? Don't forget to [review](#) it on our website.

Divide 2 Digits by 1 Digit 2

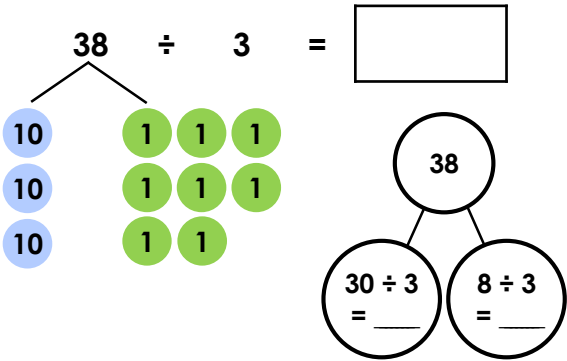
Divide 2 Digits by 1 Digit 2

1a. True or false? $25 \div 2 = 11 \text{ r}2$



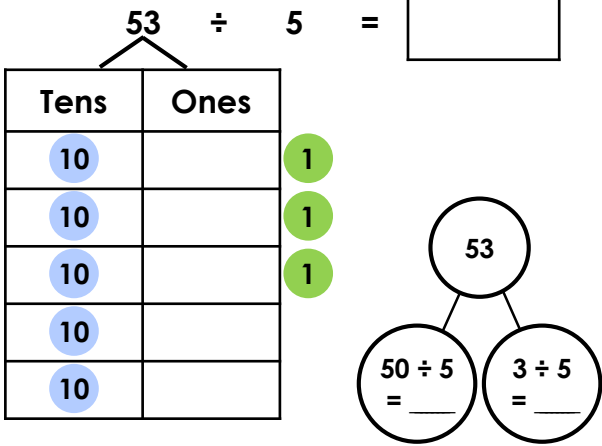
VF

1b. True or false? $38 \div 3 = 13 \text{ r}1$



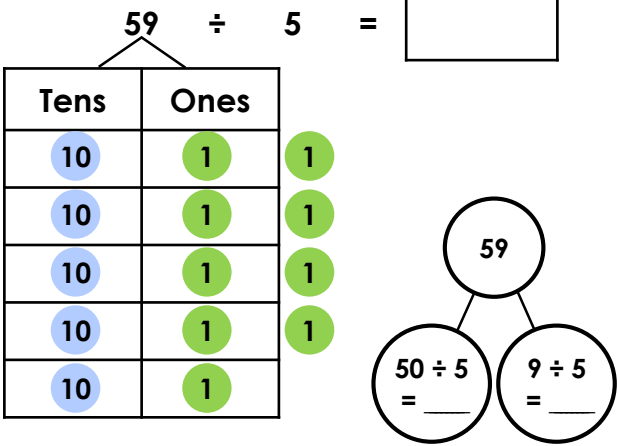
VF

2a. Complete the calculation.



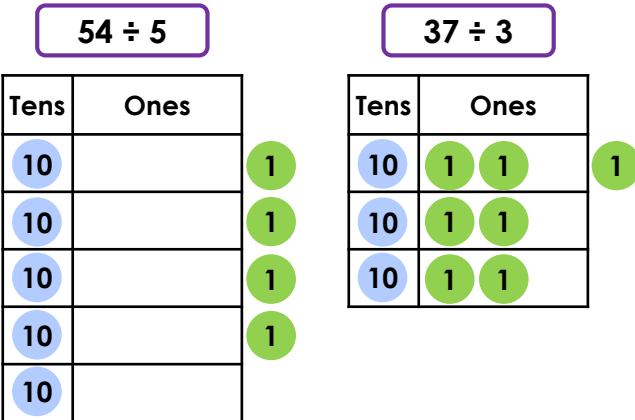
VF

2b. Complete the calculation.



VF

3a. Match the calculation to the correct answer.

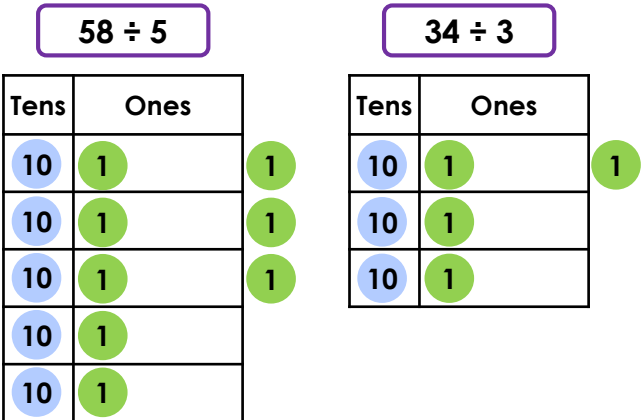


12 r1

10 r4

VF

3b. Match the calculation to the correct answer.



11 r1

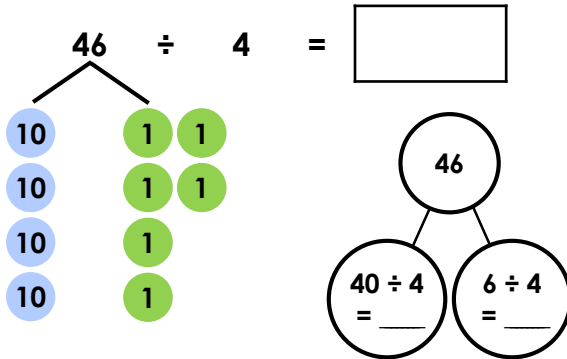
11 r3

VF

Divide 2 Digits by 1 Digit 2

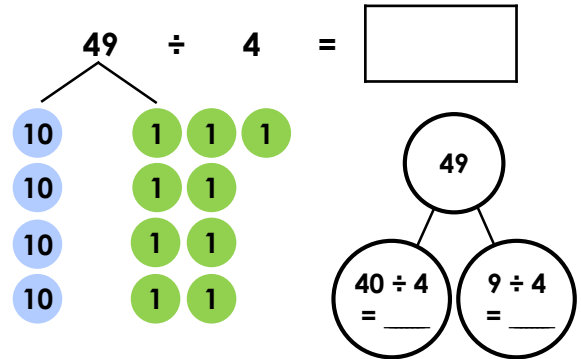
Divide 2 Digits by 1 Digit 2

4a. True or false? $46 \div 4 = 11 \text{ r}2$



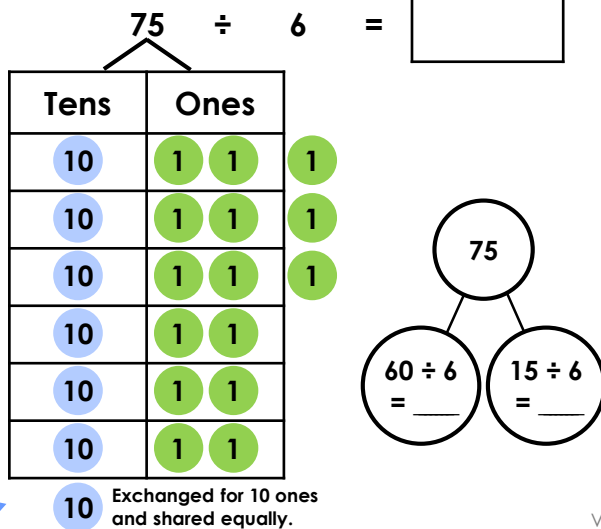
VF

4b. True or false? $49 \div 4 = 13 \text{ r}1$



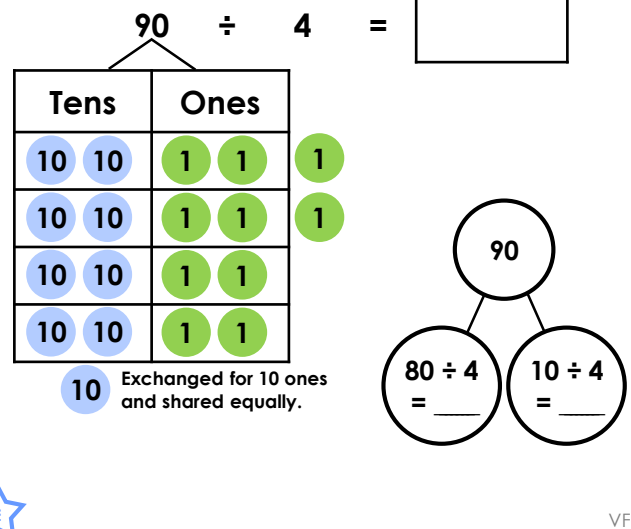
VF

5a. Complete the calculation.



VF

5b. Complete the calculation.



VF

6a. Match the calculation to the correct answer.

$67 \div 5$

$73 \div 6$

Tens	Ones
10	1 1 1
10	1 1 1
10	1 1 1
10	1 1 1
10	1 1 1

10 Exchanged for 10 ones and shared equally.

Tens	Ones
10	1 1
10	1 1
10	1 1
10	1 1
10	1 1
10	1 1

10 Exchanged for 10 ones and shared equally.

12 r1

13 r2

6b. Match the calculation to the correct answer.

$71 \div 6$

$53 \div 4$

Tens	Ones
10	1
10	1
10	1
10	1
10	1
10	1

10 Exchanged for 10 ones and shared equally.

Tens	Ones
10	1 1 1 1
10	1 1 1 1
10	1 1 1 1
10	1 1 1 1

10 Exchanged for 10 ones and shared equally.

11 r5

13 r1

Divide 2 Digits by 1 Digit 2

Divide 2 Digits by 1 Digit 2

7a. Answer whether these calculations are true or false by putting a T of F in the box.

A. $86 \div 8 = 10 \text{ r}2$ ☐

B. $95 \div 7 = 13 \text{ r}6$ ☐



VF

7b. Answer whether these calculations are true or false by putting a T of F in the box.

A. $67 \div 8 = 8 \text{ r}3$ ☐

B. $87 \div 6 = 13 \text{ r}4$ ☐

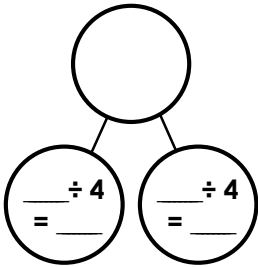


VF

8a. Complete the calculation.

$54 \div 4 =$

Tens	Ones

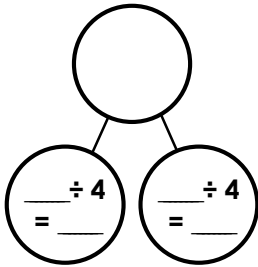


VF

8b. Complete the calculation.

$64 \div 5 =$

Tens	Ones



VF

9a. Match the calculation to the correct answer.

90	$\div 6$	$= 9 \text{ r}4$
88	$\div 8$	$= 11 \text{ r}2$
67	$\div 7$	$= 14 \text{ r}4$



VF

9b. Match the calculation to the correct answer.

95	$\div 7$	$= 8 \text{ r}7$
71	$\div 6$	$= 15 \text{ r}4$
94	$\div 8$	$= 13 \text{ r}4$



VF

Varied Fluency
Divide 2 Digits by 1 Digit 2

Developing

1a. False, $25 \div 2 = 12 \text{ r}1$

part-whole model: $20 \div 2 = 10$, $5 \div 2 = 2 \text{ r}1$

2a. 10 r3

part-whole model: $50 \div 5 = 10$, $5 \div 3 = 0 \text{ r}3$

3a. $54 \div 5 = 10 \text{ r}4$; $37 \div 3 = 12 \text{ r}1$

Expected

4a. True

part-whole model: $40 \div 4 = 10$, $6 \div 4 = 1 \text{ r}2$

5a. 12 r3

part-whole model: $60 \div 6 = 10$, $15 \div 6 = 2 \text{ r}3$

6a. $67 \div 5 = 13 \text{ r}2$; $73 \div 6 = 12 \text{ r}1$

Greater Depth

7a. A. False, $86 \div 8 = 10 \text{ r}6$; B. False, $95 \div 7 = 13 \text{ r}4$

8a. $54 \div 4 = 13 \text{ r}2$

part-whole model: 54; $40 \div 4 = 10$, $14 \div 4 = 3 \text{ r}2$

9a. $90 \div 8 = 11 \text{ r}2$; $88 \div 6 = 14 \text{ r}4$; $67 \div 7 = 9 \text{ r}4$

Varied Fluency
Divide 2 Digits by 1 Digit 2

Developing

1b. False, $38 \div 3 = 12 \text{ r}2$

part-whole model: $30 \div 3 = 10$, $8 \div 3 = 2 \text{ r}2$

2b. 11 r4

part-whole model: $50 \div 5 = 10$, $9 \div 5 = 1 \text{ r}4$

3b. $58 \div 5 = 11 \text{ r}3$; $34 \div 3 = 11 \text{ r}1$

Expected

4b. False, $49 \div 4 = 12 \text{ r}1$

part-whole model: $40 \div 4 = 10$, $9 \div 4 = 2 \text{ r}1$

5b. 22 r2

part-whole model: $80 \div 4 = 20$, $10 \div 4 = 2 \text{ r}2$

6b. $71 \div 6 = 11 \text{ r}5$; $53 \div 4 = 13 \text{ r}1$

Greater Depth

7b. A. True; B. False, $87 \div 6 = 14 \text{ r}3$

8b. $64 \div 5 = 12 \text{ r}4$

part-whole model: 64; $50 \div 5 = 10$, $14 \div 5 = 2 \text{ r}4$

9b. $95 \div 7 = 13 \text{ r}4$; $71 \div 8 = 8 \text{ r}7$; $94 \div 6 = 15 \text{ r}4$