

Varied Fluency

Step 3: Divide By 10

National Curriculum Objectives:

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

Differentiation:

Developing Questions to support dividing a multiple of 10 up to 100 by 10. Questions use Base 10 or place value counters as visual support.

Expected Questions to support dividing a multiple of 10 up to 990 by 10. Questions use Base 10 or place value counters as visual support.

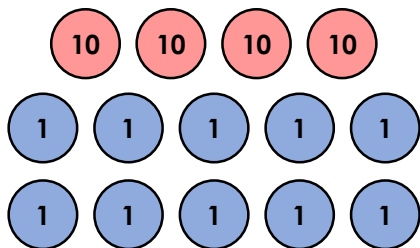
Greater Depth Questions to support dividing a multiple of 10 up to 990 by 10. Questions use Base 10 or place value counters as visual support. (This means a mixture of place value representations within each question to really test the understanding of each manipulative.) No matching answers.

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

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

Divide By 10

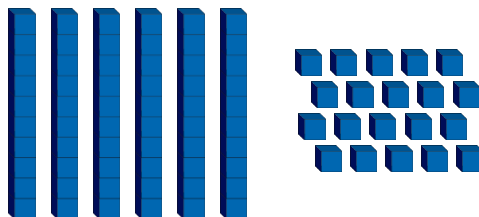
1a. How many groups of 10 can be made from 4 tens and 10 ones?



VF

Divide By 10

1b. How many groups of 10 can be made from 6 tens and 20 ones?



VF

2a. Match each calculation to the correct answer.

$90 \div 10$

3

$30 \div 10$

6

$80 \div 10$

9

$60 \div 10$

8



VF

2b. Match each calculation to the correct answer.

$80 \div 10$

1

$60 \div 10$

8

$10 \div 10$

6

$70 \div 10$

7



VF

3a. Which of the following completes the calculation?

$\square \div 10 > \text{3 rods} \div 10$

10

20

80



VF

3b. Which of the following completes the calculation?

$\square \div 10 > \text{7 tens} \div 10$

40

90

60



VF

4a. Complete the missing numbers.

$\text{3 tens and 2 ones} \div 10 = \square$

$\text{6 rods} \div 10 = \square$

$\square \div 10 = \text{4 cubes}$



VF

4b. Complete the missing numbers.

$\text{3 tens} \div 10 = \square$

$\text{2 rods} \div 10 = \square$

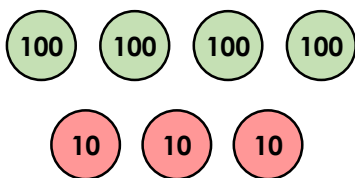
$\square \div 10 = \text{1 cube}$



VF

Divide By 10

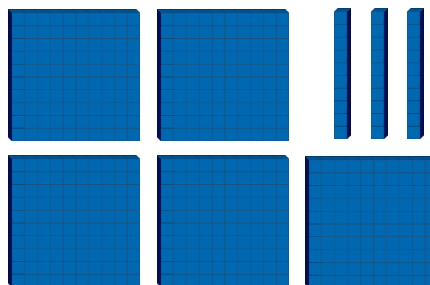
5a. How many groups of 10 can be made from 4 hundreds and 3 tens?



VF

Divide By 10

5b. How many groups of 10 can be made from 5 hundreds and 3 tens?



VF

6a. Match each calculation to the correct answer.

$$230 \div 10$$

88

$$880 \div 10$$

34

$$170 \div 10$$

23

$$340 \div 10$$

17



VF

6b. Match each calculation to the correct answer.

$$120 \div 10$$

71

$$710 \div 10$$

65

$$650 \div 10$$

12

$$270 \div 10$$

27



VF

7a. Which of the following completes the calculation?

$$\square \div 10 > \begin{array}{|c|c|} \hline \text{Blue square} & \text{Blue square} \\ \hline \end{array} \div 10$$

240

360

320



VF

7b. Which of the following completes the calculation?

$$\square \div 10 < \begin{array}{c} \text{Green circle (100)} \\ \text{Red circle (10)} \\ \text{Green circle (100)} \\ \text{Green circle (100)} \\ \text{Green circle (100)} \\ \text{Green circle (100)} \\ \text{Green circle (100)} \end{array} \div 10$$

790

580

730



VF

8a. Complete the missing numbers. Use place value counters to help you.

$$\begin{array}{c} \text{Red circle (10)} \\ \text{Green circle (100)} \\ \text{Green circle (100)} \\ \text{Green circle (100)} \end{array} \div 10 = \square$$

$$\square \div 10 = \begin{array}{c} \text{Red circle (10)} \\ \text{Red circle (10)} \\ \text{Red circle (10)} \\ \text{Red circle (10)} \\ \text{Blue circle (1)} \\ \text{Blue circle (1)} \\ \text{Blue circle (1)} \\ \text{Blue circle (1)} \end{array}$$

$$\square \div 10 = \begin{array}{c} \text{Red circle (10)} \\ \text{Red circle (10)} \\ \text{Blue circle (1)} \\ \text{Blue circle (1)} \end{array}$$



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8b. Complete the missing numbers. Use Base 10 to help you.

$$\begin{array}{|c|c|} \hline \text{Blue square} & \text{Blue square} \\ \hline \end{array} \div 10 = \square$$

$$\begin{array}{|c|} \hline \text{Blue rod} \\ \hline \end{array} \div 10 = \begin{array}{|c|c|c|} \hline \text{Blue rod} & \text{Blue rod} & \text{Blue rod} \\ \hline \end{array}$$

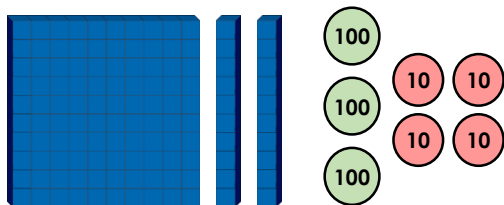
$$\square \div 10 = \begin{array}{|c|c|c|c|} \hline \text{Blue rod} & \text{Blue rod} & \text{Blue rod} & \text{Blue rod} \\ \hline \end{array}$$



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Divide By 10

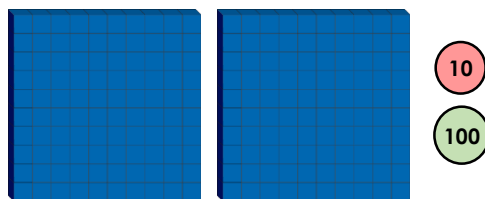
9a. How many groups of 10 can be made from 4 hundreds and 6 tens?



VF

Divide By 10

9b. How many groups of 10 can be made from 3 hundreds and 1 ten?



VF

10a. Calculate the answer to each question.

$$600 \div 10 = \boxed{}$$

$$810 \div 10 = \boxed{}$$

$$520 \div 10 = \boxed{}$$

$$360 \div 10 = \boxed{}$$



VF

10b. Calculate the answer to each question.

$$280 \div 10 = \boxed{}$$

$$700 \div 10 = \boxed{}$$

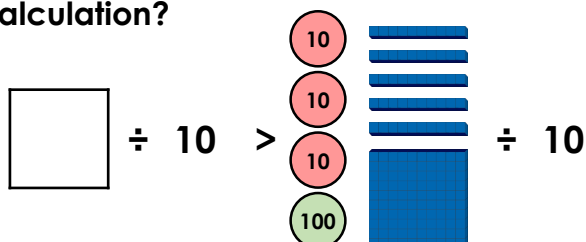
$$650 \div 10 = \boxed{}$$

$$490 \div 10 = \boxed{}$$



VF

11a. Which of the following completes the calculation?



240

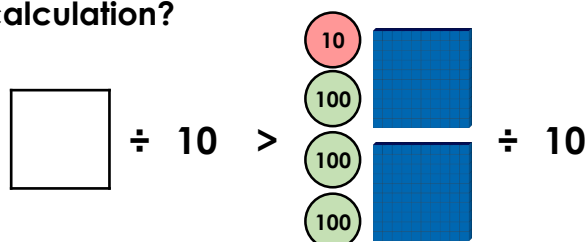
180

290



VF

11b. Which of the following completes the calculation?



720

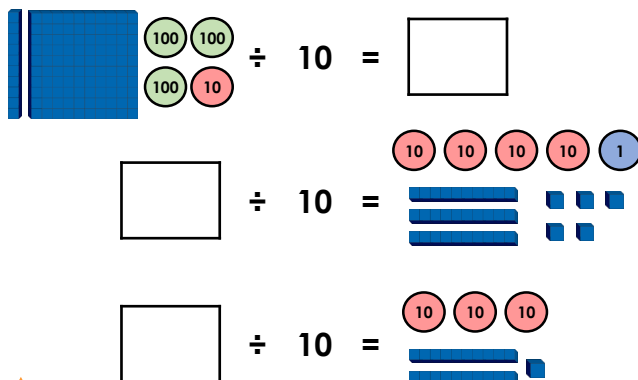
500

460



VF

12a. Complete the missing numbers.



$$\boxed{} \div 10 = \boxed{}$$

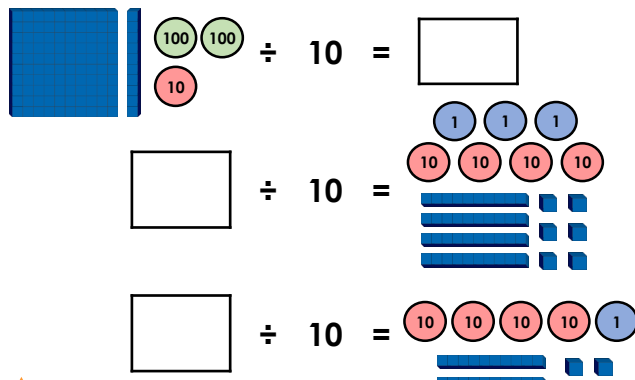
$$\boxed{} \div 10 = \boxed{}$$

$$\boxed{} \div 10 = \boxed{}$$



VF

12b. Complete the missing numbers.



$$\boxed{} \div 10 = \boxed{}$$

$$\boxed{} \div 10 = \boxed{}$$

$$\boxed{} \div 10 = \boxed{}$$



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Divide By 10

Developing

1a. $50 \div 10 = 5$

2a. $90 \div 10 = 9$; $30 \div 10 = 3$; $80 \div 10 = 8$;
 $60 \div 10 = 6$

3a. 80

4a. $50 \div 10 = 5$; $70 \div 10 = 7$; $40 \div 10 = 4$

Expected

5a. $430 \div 10 = 43$

6a. $230 \div 10 = 23$; $880 \div 10 = 88$;
 $170 \div 10 = 17$; $340 \div 10 = 34$

7a. 360

8a. $350 \div 10 = 35$; $470 \div 10 = 47$;
 $220 \div 10 = 22$

Greater Depth

9a. $460 \div 10 = 46$

10a. 60, 81, 52, 36

11a. 290

12a. $420 \div 10 = 42$; $760 \div 10 = 76$;
 $510 \div 10 = 51$

Varied Fluency
Divide By 10

Developing

1b. $80 \div 10 = 8$

2b. $80 \div 10 = 8$; $60 \div 10 = 6$; $10 \div 10 = 1$;
 $70 \div 10 = 7$

3b. 90

4b. $60 \div 10 = 6$; $20 \div 10 = 2$; $10 \div 10 = 1$

Expected

5b. $530 \div 10 = 53$

6b. $120 \div 10 = 12$; $710 \div 10 = 71$;
 $650 \div 10 = 65$; $270 \div 10 = 27$

7b. 580

8b. $230 \div 10 = 23$; $510 \div 10 = 51$;
 $460 \div 10 = 46$

Greater Depth

9b. $310 \div 10 = 31$

10b. 28, 70, 65, 49

11b. 720

12b. $320 \div 10 = 32$; $890 \div 10 = 89$;
 $630 \div 10 = 63$