

Varied Fluency

Step 4: Divide by 100

National Curriculum Objectives:

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 3-digit number by 100. Questions use Base 10 as visual support.

Expected Questions to support dividing a 4-digit number by 100. Questions use place value counters as visual support.

Greater Depth Questions to support dividing a 4-digit number by 100 including using a variety of manipulatives. Includes a deeper understanding of place value by also looking at dividing numbers by 10 twice. Questions use a combination of Base 10 and place value counters as visual support.

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

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

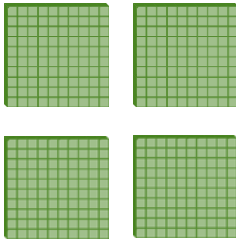
Divide by 100

1a. Use the following multiplication calculation to create and complete a division calculation.

$$9 \times 100 = 900$$

★ $\square \div \square = \square$ VF

2a. Complete the calculation.

 $\div 100 = \square$

★ VF

3a. Which calculation is correct?

A. $400 \div 100 = 40$

B. $700 \div 100 = 75$

C. $900 \div 100 = 9$

★ VF

4a. Choose the correct number to complete the calculation.

$\square \div 100 = 6$

$\square$ $\square$ $\square$
600 60 6

★ VF

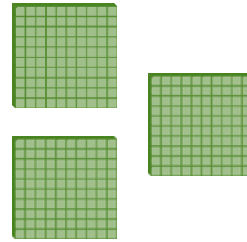
Divide by 100

1b. Use the following multiplication calculation to create and complete a division calculation.

$$7 \times 100 = 700$$

★ $\square \div \square = \square$ VF

2b. Complete the calculation.

 $\div 100 = \square$

★ VF

3b. Which calculation is correct?

A. $800 \div 100 = 900$

B. $200 \div 100 = 2$

C. $100 \div 100 = 10$

★ VF

4b. Choose the correct number to complete the calculation.

$\square \div 100 = 9$

$\square$ $\square$ $\square$
90 9 900

★ VF

Divide by 100

5a. Use the following multiplication calculation to create and complete a division calculation.

$$86 \times 100 = 8,600$$

 $\div$ $=$

VF

5b. Use the following multiplication calculation to create and complete a division calculation.

$$38 \times 100 = 3,800$$

 $\div$ $=$

VF

6a. Complete the calculation.

$$\textcircled{1,000} \textcircled{1,000} \div 100 = \boxed{}$$



VF

6b. Complete the calculation.

$$\textcircled{1,000} \textcircled{1,000} \textcircled{1,000} \div 100 = \boxed{}$$



VF

7a. Which calculation is correct?

A. $8,400 \div 100 = 840$

B. $5,700 \div 100 = 75$

C. $9,200 \div 100 = 92$



VF

7b. Which calculation is correct?

A. $1,800 \div 100 = 900$

B. $7,900 \div 100 = 79$

C. $3,200 \div 100 = 320$



VF

8a. Choose the correct number to complete the calculation.

$$\boxed{} \div 100 = 62$$

620

260

6,200



VF

8b. Choose the correct number to complete the calculation.

$$\boxed{} \div 100 = 97$$

970

9,700

9,000



VF

Divide by 100

9a. Complete the following multiplication calculation to create and complete a division calculation.

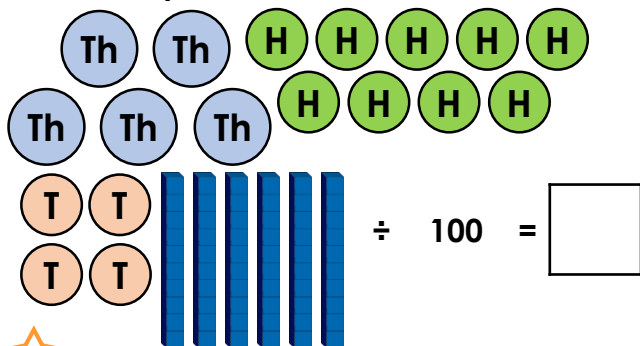
$$\square \times 100 = 9,500$$

$$\square \div \square = \square$$



VF

10a. Complete the calculation.



VF

11a. Which calculations are correct?

A. $4,900 \div 100 = 49$

B. $7,002 \div 100 = 72$

C. $1,200 \div 10 \div 10 = 12$



VF

12a. Complete the calculations.

$$\square \div 100 = 67$$

$$\square \div 100 = 81$$



VF

Divide by 100

9b. Complete the following multiplication calculation to create and complete a division calculation.

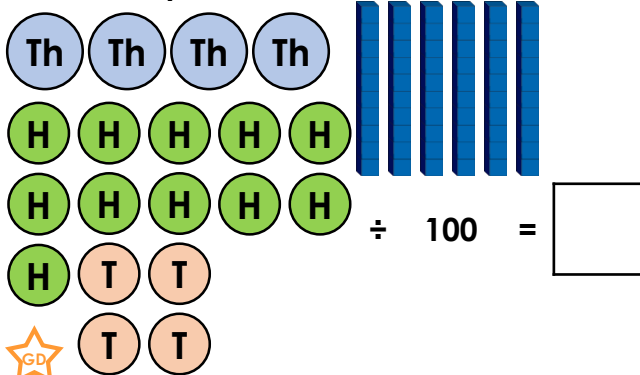
$$\square \times 100 = 2,900$$

$$\square \div \square = \square$$



VF

10b. Complete the calculation.



VF

11b. Which calculations are correct?

A. $9,900 \div 10 \div 10 = 99$

B. $6,300 \div 100 = 63$

C. $3,600 \div 100 = 306$



VF

12b. Complete the calculations.

$$\square \div 100 = 9$$

$$\square \div 100 = 49$$



VF

Varied Fluency
Divide by 100

Developing

1a. $900 \div 100 = 9$

2a. $400 \div 100 = 4$

3a. **C**

4a. **600**

Expected

5a. $8,600 \div 100 = 86$

6a. $2,000 \div 100 = 20$

7a. **C**

8a. **6,200**

Greater Depth

9a. $95 \times 100 = 9,500$ so $9,500 \div 100 = 95$

10a. $6,000 \div 100 = 60$

11a. **A and C**

12a. $6,700 \div 100 = 67$; $8,100 \div 100 = 81$

Varied Fluency
Divide by 100

Developing

1b. $700 \div 100 = 7$

2b. $300 \div 100 = 3$

3b. **B**

4b. **900**

Expected

5b. $3,800 \div 100 = 38$

6b. $3,000 \div 100 = 30$

7b. **B**

8b. **9,700**

Greater Depth

9b. $29 \times 100 = 2,900$ so $2,900 \div 100 = 29$

10b. $5,200 \div 100 = 52$

11b. **A and B**

12b. $900 \div 100 = 9$; $4,900 \div 100 = 49$