

Varied Fluency

Step 2: Multiply By 100

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 multiplying 1-digit numbers by 100. Questions use Base 10 as visual support.

Expected Questions to support multiplying 2-digit numbers by 100. Questions use Base 10 as visual support.

Greater Depth Questions to support multiplying 3-digit numbers by 100 using a variety of manipulatives. Requires a deeper understanding of place value by also multiplying three numbers, for example, $451 \times 10 \times 10$. Questions use Base 10 as visual support.

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

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

Multiply By 100

1a. Match each question with the correct answer. Use Base 10 to help you.

$$4 \times 100$$

$$900$$

$$9 \times 100$$

$$700$$

$$7 \times 100$$

$$400$$



VF

Multiply By 100

1b. Match each question with the correct answer. Use Base 10 to help you.

$$6 \times 100$$

$$800$$

$$2 \times 100$$

$$600$$

$$8 \times 100$$

$$200$$



VF

2a. Using Base 10, complete the number sentences.

$$2 \times 100 = \boxed{}$$

$$5 \times 100 = \boxed{}$$



VF

2b. Using Base 10, complete the number sentences.

$$7 \times 100 = \boxed{}$$

$$9 \times 100 = \boxed{}$$



VF

3a. Fill in the missing number to complete the calculation. Use Base 10 to help you.

$$\begin{array}{|c|} \hline \text{Base 10 Block} \\ \hline \end{array} \times \boxed{} = 800$$



VF

3b. Fill in the missing number to complete the calculation. Use Base 10 to help you.

$$\begin{array}{|c|} \hline \text{Base 10 Block} \\ \hline \end{array} \times \boxed{} = 500$$



VF

4a. Use the place value table and the correct digit cards to multiply 6×100 . Use Base 10 to help you.

H	T	O
		0

8	0	3	6	3
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VF

4b. Use the place value table and the correct digit cards to multiply 4×100 . Use Base 10 to help you.

H	T	O
		0

7	0	4	2	0
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VF

Multiply By 100

5a. Match each question with the correct answer. Use Base 10 to help you.

$$13 \times 100$$

3,500

$$35 \times 100$$

5,300

$$53 \times 100$$

1,300



VF

Multiply By 100

5b. Match each question with the correct answer. Use Base 10 to help you.

$$27 \times 100$$

7,000

$$78 \times 100$$

2,700

$$70 \times 100$$

7,800



VF

6a. Using Base 10, complete the number sentences.

$$16 \times 100 = \boxed{}$$

$$74 \times 100 = \boxed{}$$



VF

6b. Using Base 10, complete the number sentences.

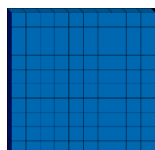
$$52 \times 100 = \boxed{}$$

$$24 \times 100 = \boxed{}$$



VF

7a. Fill in the missing number to complete the calculation. Use Base 10 to help you.

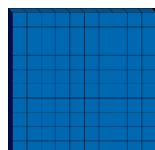


$$\times \boxed{} = 4,600$$



VF

7b. Fill in the missing number to complete the calculation. Use Base 10 to help you.



$$\times \boxed{} = 3,100$$



VF

8a. Use the place value table and the correct digit cards to multiply 26×100 . Use Base 10 to help you.

Th	H	T	O
		0	

6

0

3

2

3



VF

8b. Use the place value table and the correct digit cards to multiply 32×100 . Use Base 10 to help you.

Th	H	T	O
		0	

7

0

3

2

0



VF

Multiply By 100

9a. Match each question with the correct answer. Use Base 10 to help you.

$$135 \times 10 \times 10$$

21,800

$$218 \times 100$$

64,900

$$649 \times 10 \times 10$$

13,500



VF

Multiply By 100

9b. Match each question with the correct answer. Use Base 10 to help you.

$$462 \times 10 \times 10$$

92,700

$$571 \times 10 \times 10$$

46,200

$$927 \times 100$$

57,100



VF

10a. Using Base 10, complete the number sentences.

$$120 \times 100 = \boxed{}$$

$$823 \times 10 \times 10 = \boxed{}$$



VF

10b. Using Base 10, complete the number sentences.

$$780 \times 10 \times 10 = \boxed{}$$

$$368 \times 100 = \boxed{}$$



VF

11a. Fill in the missing number to complete the calculation. Use Base 10 to help you.

$$\boxed{} \times \boxed{} \times 10 = 92,600$$



VF

11b. Fill in the missing number to complete the calculation. Use Base 10 to help you.

$$\boxed{} \times \boxed{} \times 10 = 72,500$$



VF

12a. Use the place value table and the correct digit cards to multiply 406×100 . Use Base 10 to help you.

TTh	Th	H	T	O
			0	

0 0 6 4 1



VF

12b. Use the place value table and the correct digit cards to multiply 609×100 . Use Base 10 to help you.

TTh	Th	H	T	O
			0	

0 0 9 6 1



VF

Varied Fluency
Multiply By 100

Developing

- 1a. $4 \times 100 = 400$; $9 \times 100 = 900$;
 $7 \times 100 = 700$
2a. 200, 500
3a. 8
4a. 600

Expected

- 5a. $13 \times 100 = 1,300$; $35 \times 100 = 3,500$;
 $53 \times 100 = 5,300$
6a. 1,600, 7,400
7a. 46
8a. 2,600

Greater Depth

- 9a. $135 \times 10 \times 10 = 13,500$;
 $218 \times 100 = 21,800$; $649 \times 10 \times 10 = 64,900$
10a. 12,000, 82,300
11a. 926
12a. 40,600

Varied Fluency
Multiply By 100

Developing

- 1b. $6 \times 100 = 600$; $2 \times 100 = 200$;
 $8 \times 100 = 800$
2b. 700, 900
3b. 5
4b. 400

Expected

- 5b. $27 \times 100 = 2,700$; $78 \times 100 = 7,800$;
 $70 \times 100 = 7,000$
6b. 5,200, 2,400
7b. 31
8b. 3,200

Greater Depth

- 9b. $462 \times 10 \times 10 = 46,200$;
 $571 \times 10 \times 10 = 57,100$; $927 \times 100 = 92,700$
10b. 78,000, 36,800
11b. 725
12b. 60,900