Name: _____ Date: _____

1. $3.5 \times 1000 =$ ___

2. $610 \div 10 =$ ___

3. $9.1 \times 10 = ?$

4. The chart shows 56, then 56 × 10. Multiplying by 10 shifts every digit one place to the ___.

Hundreds	Tens	Ones
	5	6
5	6	0

down up left right

5. The place-value chart shows 95 shifted for × 100. What is 95 × 100?

Thousands	Hundreds	Tens	Ones
		9	5
9	5	0	0

6. $4.1 \times 10 =$ ___

7. $290 \div 10 =$ ___

8. $5.4 \times 10 = ?$

9. The chart shows 57, then 57 × 10. Multiplying by 10 shifts every digit one place to the ___.

Hundreds	Tens	Ones
	5	7
5	7	0

up down right left

10. The place-value chart shows 65 shifted for × 100. What is 65 × 100?

Thousands	Hundreds	Tens	Ones
		6	5
6	5	0	0

11. $6.7 \times 10 =$ ___

12. $900 \div 100 =$ ___

13. 4.2 × 100 = ?

14. The chart shows 48, then 48 × 10. Multiplying by 10 shifts every digit one place to the ___.

Hundreds	Tens	Ones
	4	8
4	8	0

up | right | left | down

15. The place-value chart shows 50 shifted for × 100. What is 50 × 100?

Thousands	Hundreds	Tens	Ones
		5	0
5	0	0	0

16. 4 × 100 = ___

17. $410 \div 10 = \_\_\_$

18. $5.8 \times 10 = ?$

Answer Key

1. **3500** Multiplying by 1000 moves the decimal point right: 3.5 × 1000 = 3500.

2. **61** Dividing by 10 moves the decimal point left: 610 ÷ 10 = 61.

3. **91** 9.1 × 10 = 91.

4. **left** × 10 makes each digit worth ten times more, so it moves one column left: 56 → 560.

5. **9500** 95 × 100 = 9500.

6. **41** Multiplying by 10 moves the decimal point right: 4.1 × 10 = 41.

7. **29** Dividing by 10 moves the decimal point left: 290 ÷ 10 = 29.

8. **54** 5.4 × 10 = 54.

9. **left** × 10 makes each digit worth ten times more, so it moves one column left: 57 → 570.

10. **6500** 65 × 100 = 6500.

11. **67** Multiplying by 10 moves the decimal point right: 6.7 × 10 = 67.

12. **9** Dividing by 100 moves the decimal point left: 900 ÷ 100 = 9.

13. **420** 4.2 × 100 = 420.

14. **left** × 10 makes each digit worth ten times more, so it moves one column left: 48 → 480.

15. **5000** 50 × 100 = 5000.

16. **400** Multiplying by 100 moves the decimal point right: 4 × 100 = 400.

17. **41** Dividing by 10 moves the decimal point left: 410 ÷ 10 = 41.

18. **58** 5.8 × 10 = 58.