

## Independent Practice

**Multiply.**

4.  $1.63 \times 10 =$  \_\_\_\_\_

5.  $0.853 \times 10^3 =$  \_\_\_\_\_

6.  $0.397 \times 10^1 =$  \_\_\_\_\_

7.  $1.76 \times 100 =$  \_\_\_\_\_

8.  $0.78 \times 10^2 =$  \_\_\_\_\_

9.  $76.5 \times 10^3 =$  \_\_\_\_\_

10.  $0.81 \times 10 =$  \_\_\_\_\_

11.  $1.23 \times 10^2 =$  \_\_\_\_\_

12.  $0.48 \times 100 =$  \_\_\_\_\_

**Algebra** Find each unknown.

13.  $0.93 \times 10 = a$

14.  $22.94 \times 10^2 = n$

15.  $0.05 \times 1,000 = w$

$a =$  \_\_\_\_\_

$n =$  \_\_\_\_\_

$w =$  \_\_\_\_\_



## Problem Solving

16. A music store has 10 flutes. Each flute costs \$325.50. What is the cost of all 10 flutes?
- 

17. **Mathematical PRACTICE 1** **Make a Plan** One carton of milk costs \$0.99. What is the total cost of  $10^2$  cartons of milk?
- 

18. Titus's and Cam's hourly charges for yard work are shown. Suppose Titus and Cam each worked 10 hours. How much money did they earn together?

Titus	Cam
\$8.25	\$5.58

---

19. The length of Jenny's dog is 10 times the length of her hamster. The length of her hamster is 8.4 centimeters. What is the length of her dog?
- 

### HOT Problems

20. **Mathematical PRACTICE 2** **Use Number Sense** Find  $0.346 \times 10^2 \times 10$ .
- 

21. **?** **Building on the Essential Question** How does the exponent of each power of ten correspond with placing a decimal?
- 
- 

My Work!

