



Name _____

Date _____

Multiply. Express the product in unit form and standard form.

1. 2×0.32

_____ $\times$ _____ hundredths = _____ hundredths = _____

2. 2×4.32

_____ $\times$ _____ hundredths = _____ hundredths = _____

Multiply. Show your work using vertical form.

3. $3 \times 2.6 =$ _____

	2	6	tenths
$\times$		3	

4. $1.38 \times 4 =$ _____

	1	3	8	hundredths
$\times$			4	

5. $5 \times 1.14 =$ _____

	1	1	4	hundredths
$\times$			5	

6. $3.54 \times 6 =$ _____

		3	5	4	hundredths
$\times$				6	

7. Sasha and Toby use different strategies to find 30×4.1 . Consider their work.

Sasha's Way

$$\begin{aligned} 30 \times 4.1 &= (3 \times 10) \times 4.1 \\ &= 3 \times (10 \times 4.1) \\ &= 3 \times 41 \\ &= 123 \end{aligned}$$

Toby's Way

$$\begin{aligned} 30 \times 4.1 &= (30 \times 4) + (30 \times 0.1) \\ &= 120 + 3 \\ &= 123 \end{aligned}$$

How did Sasha and Toby think about the factors in different ways to find the product? Explain.

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8. Consider the expression.

$$70 \times 4.91$$

- a. Estimate the product.

$$70 \times 4.91 \approx \underline{\hspace{2cm}}$$

- b. Find the product.

$$70 \times 4.91 = \underline{\hspace{2cm}}$$

- c. Is your answer in part (b) reasonable? How do you know?

Find the product.

9. $8.14 \times 5 =$ _____

10. $6 \times 10.8 =$ _____

11. $3.8 \times 20 =$ _____

12. $40 \times 0.11 =$ _____

13. $3.12 \times 400 =$ _____

14. $70 \times 6.25 =$ _____

Use the Read–Draw–Write process to solve each problem.

15. Mr. Sharma drinks 1.89 liters of water each day for 7 days. How many liters of water does he drink in all?

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16. Yuna has some money in her piggy bank. She adds \$1.75 to her piggy bank each week for 5 weeks. Now she has \$10.00 in her piggy bank. How much money does Yuna have in her piggy bank at the start?