



Name _____

Date _____

Multiply. Express the product in unit form and standard form. Write an equation in fraction form to check the units in your product.

1. $4.6 \times 0.8 =$ _____

		4	6	tenths
×			8	tenths

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

2. $3.2 \times 0.09 =$ _____

		3	2	tenths
×			9	hundredths

$$\frac{\boxed{}}{10} \times \frac{\boxed{}}{100} = \frac{\boxed{}}{\boxed{}}$$

3. $6.4 \times 3.7 =$ _____

			6	4	tenths
×			3	7	tenths
+					

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

4. $0.53 \times 2.4 =$ _____

			5	3	hundredths
×			2	4	tenths
+					

$$\frac{\boxed{}}{100} \times \frac{\boxed{}}{10} = \frac{\boxed{}}{\boxed{}}$$

5. Riley makes a mistake when finding 3.2×0.44 . Consider Riley's work.

Riley's Way

What mistake did Riley make? How do you know?

$$3.2 \times 0.44 = 14.08$$

$$\begin{array}{r} 32 \text{ tenths} \\ x 44 \text{ hundredths} \\ \hline 128 \\ + 1280 \\ \hline 1,408 \text{ hundredths} \end{array}$$

Multiply.

6. $0.6 \times 9.7 =$ _____

7. $3.4 \times 4.8 =$ _____

8. $0.45 \times 2.9 =$ _____

9. $5.2 \times 3.64 =$ _____

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

10. Leo buys a bag of flour that weighs 2.3 kilograms. He uses 4 tenths of the bag of flour to make bread. How many kilograms of flour does Leo use to make bread?

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11. Mr. Perez buys 1.5 pounds of cheese. Each pound of cheese costs \$6.32. What is the total cost of the cheese?

12. Sana runs 4.6 kilometers. Noah runs 0.75 times as far as Sana. How many more kilometers does Sana run than Noah?