

Share and Show



Write zeros in the product.

$$\begin{array}{r} 1. \quad 0.05 \\ \times 0.7 \\ \hline \end{array}$$

Think: Hundredths are multiplied by tenths. What should be the place value of the product?

$$\begin{array}{r} 2. \quad 0.2 \\ \times 0.3 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 0.02 \\ \times 0.2 \\ \hline \end{array}$$

Find the product.

$$\begin{array}{r} 4. \quad \$0.05 \\ \times 0.8 \\ \hline \end{array}$$

$$\begin{array}{r} \checkmark 5. \quad 0.09 \\ \times 0.7 \\ \hline \end{array}$$

$$\begin{array}{r} \checkmark 6. \quad 0.2 \\ \times 0.1 \\ \hline \end{array}$$

On Your Own

Find the product.

$$\begin{array}{r} 7. \quad 0.3 \\ \times 0.3 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 0.05 \\ \times 0.3 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 0.02 \\ \times 0.4 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad \$0.40 \\ \times 0.1 \\ \hline \end{array}$$

MTR 4.1 Engage in discussions on mathematical thinking.

Why does 0.04×0.2 have the same product as 0.4×0.02 ?

MTR Find the value of n .

$$11. \quad 0.03 \times 0.6 = n$$

$$12. \quad n \times 0.2 = 0.08$$

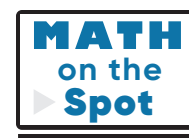
$$13. \quad 0.09 \times n = 0.063$$

$$n = \underline{\hspace{2cm}}$$

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$$n = \underline{\hspace{2cm}}$$

14. Michael multiplies 0.2 by a number. He records the product as 0.008. What number did Michael use?



Problem Solving • Applications

- 15.** On an average day, a garden snail can travel about 0.05 mile. The snail travels 0.2 times as far as the average distance on Day 1. It travels 0.6 times as far as the average distance on Day 2. How far does it travel in two days?

- a.** What are you being asked to find? _____
- b.** What information will you use to solve the problem? _____

- c.** Which operations can you use to solve the problem? _____

- d.** Show how you will solve the problem.
- e.** Complete the sentence. The garden snail travels _____ mile in 2 days.

- 16.** In a science experiment, Tania uses 0.8 ounce of water to create a reaction. She wants the next reaction to be 0.1 times the size of the previous reaction. How much water should she use?

- 17.** The library is 0.5 mile from Celine's house. The dog park is 0.3 times as far from Celine's house as the library. How far is the dog park from Celine's house? Write an equation and solve.
