

**Homework**

Solve.

1.  $0.3 \times 0.6 = \underline{\hspace{2cm}}$

2.  $0.4 \times 0.07 = \underline{\hspace{2cm}}$

3.  $0.003 \times 0.8 = \underline{\hspace{2cm}}$

4.  $5 \times 0.07 = \underline{\hspace{2cm}}$

5.  $0.002 \times 0.3 = \underline{\hspace{2cm}}$

6.  $0.05 \times 0.09 = \underline{\hspace{2cm}}$

7. 
$$\begin{array}{r} 1.8 \\ \times 6 \\ \hline \end{array}$$

8. 
$$\begin{array}{r} 0.23 \\ \times 40 \\ \hline \end{array}$$

9. 
$$\begin{array}{r} 0.014 \\ \times 0.9 \\ \hline \end{array}$$

10. 
$$\begin{array}{r} 0.36 \\ \times 0.82 \\ \hline \end{array}$$

11. Circle the two multiplications that have the same product.

$3 \times 0.2$

$0.03 \times 0.02$

$0.03 \times 0.2$

$0.3 \times 0.002$

$0.03 \times 2$

Solve using mental math.

12.  $82 \times 0.001 = \underline{\hspace{2cm}}$

13.  $385 \times 0.1 = \underline{\hspace{2cm}}$

14.  $2,194 \times 0.001 = \underline{\hspace{2cm}}$

*Show your work.*

Solve.

15. The sunlit zone of the ocean has a depth of about 600 feet. The dark zone, where there is no light at all, begins at 5.5 times that depth. At what depth does the dark zone of the ocean begin?

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16. Lauren has 9.9 meters of ribbon. She is cutting it into 100 equal pieces. That is the same as multiplying 9.9 by 0.01. How long will each piece of ribbon be?

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17. A furlong is a unit of measure used in horse racing. Every year, horses race 10 furlongs in the Kentucky Derby. One furlong is equal to 0.125 mile. How long is the Kentucky Derby in miles?

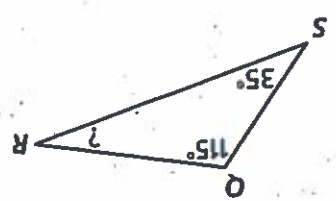
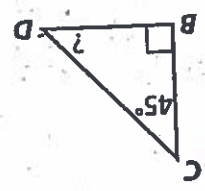
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**Remembering**

Cross out the number that does *not* mean the same as the others.

- 1. 8/10      0.8       $\frac{5}{4}$       0.08
- 2. 0.25       $\frac{1}{4}$        $\frac{3}{9}$       0.250

Find the unknown angle measure of each triangle.



Show your work.

5. Each month, Mary pays \$250 on a car loan. How much will she have paid after 10 months?

6. Jeremy is buying pizzas for a party. A large pizza costs \$12. How much will 18 large pizzas cost?

7. There are 60 seconds in one minute. How many seconds are there in 45 minutes?

Complete each Factor Puzzle.

