

Check My Progress

Vocabulary Check



1. The **Commutative Property of Multiplication** states that the order in which two numbers are multiplied does not change the product. Provide an example below.

2. The **Associative Property of Multiplication** states that the grouping of factors does not change the product. Provide an example below.

3. An **estimate** is an answer that is close to the exact answer. Provide an example below.

Concept Check



Multiply.

$$\begin{array}{r} 4. \quad 38 \\ \times 30 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 52 \\ \times 20 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 47 \\ \times 10 \\ \hline \end{array}$$

Estimate.

$$\begin{array}{r} 7. \quad 15 \rightarrow \\ \times 28 \rightarrow \\ \hline \end{array}$$

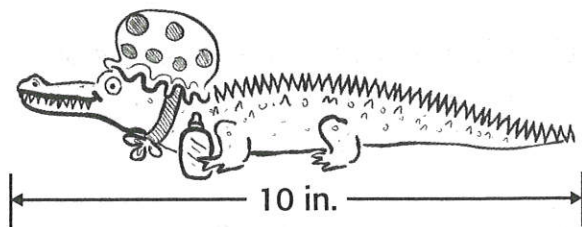
$$\begin{array}{r} 8. \quad 71 \rightarrow \\ \times 51 \rightarrow \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad \$12 \rightarrow \\ \times 32 \rightarrow \\ \hline \end{array}$$



Problem Solving

10. John jogs 30 miles every week. There are 52 weeks in a year. How many miles does John jog in a year?
- _____
11. Ms. Armstrong drives a total of 42 miles each day to and from work. About how many miles does Ms. Armstrong drive in 18 work days?
- _____
12. What is the total length of 30 newborn alligators?



13. The average person sends about 25 E-mails a month. About how many E-mails is this each year?
- _____
14. Mae is finding the product of 70×40 . How many zeros will be in the product? Explain.
- _____
- _____

My Work!

Test Practice

15. A kangaroo can travel 30 feet per jump. How far could a kangaroo travel if it jumps 14 times?
- (A) 420 feet (C) 52 feet
(B) 320 feet (D) 42 feet

