

Name: \_\_\_\_\_

## Decimal Multiplication Patterns

Write the missing factor or product for each multiplication problem.

$1.3 \times 10 = \underline{\hspace{2cm}}$

$1.3 \times \underline{\hspace{2cm}} = 130$

$\underline{\hspace{2cm}} \times 1,000 = 1,300$

$1.3 \times 10,000 = \underline{\hspace{2cm}}$

$3.9 \times \underline{\hspace{2cm}} = 39$

$\underline{\hspace{2cm}} \times 100 = 390$

$3.9 \times 1,000 = \underline{\hspace{2cm}}$

$3.9 \times \underline{\hspace{2cm}} = 39,000$



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**g.**  $9.6 \times 10,000 = \underline{\hspace{2cm}}$

**h.**  $5.63 \times 10,000 = \underline{\hspace{2cm}}$

- i.** The distance between the pitcher's mound and home plate on a major league baseball field is 18.44 meters. To find the length in millimeters, multiply by 1,000. What is the distance in millimeters?

answer: \_\_\_\_\_

## ANSWER KEY

### Decimal Multiplication Patterns

Write the missing factor or product for each multiplication problem.

$$1.3 \times 10 = \underline{13}$$

$$1.3 \times \underline{100} = 130$$

$$\underline{1.3} \times 1,000 = 1,300$$

$$3.9 \times \underline{10} = 39$$

$$\underline{3.9} \times 100 = 390$$

$$3.9 \times 1,000 = \underline{3,900}$$

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