

Name: _____

Multiplying Decimals by 10, 100, 1,000, and 10,000

Decimal Multiplication Patterns

Write the product for each multiplication problem.

$1.5 \times 10 = \underline{\hspace{2cm}}$

$1.5 \times 100 = \underline{\hspace{2cm}}$

$1.5 \times 1,000 = \underline{\hspace{2cm}}$

$1.5 \times 10,000 = \underline{\hspace{2cm}}$

$3.02 \times 10 = \underline{\hspace{2cm}}$

$3.02 \times 100 = \underline{\hspace{2cm}}$

$3.02 \times 1,000 = \underline{\hspace{2cm}}$

$3.02 \times 10,000 = \underline{\hspace{2cm}}$

$8.1 \times 1,000 = \underline{\hspace{2cm}}$

$4.023 \times 1,000 = \underline{\hspace{2cm}}$

$6.77 \times 100 = \underline{\hspace{2cm}}$

$0.343 \times 100 = \underline{\hspace{2cm}}$



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

$12.6 \times 10 = \underline{\hspace{2cm}}$

$11.91 \times 1,000 = \underline{\hspace{2cm}}$

$6.3 \times 10 = \underline{\hspace{2cm}}$

$5.8 \times 10,000 = \underline{\hspace{2cm}}$

$5.002 \times 10,000 = \underline{\hspace{2cm}}$

ANSWER KEY

Decimal Multiplication Patterns

Write the product for each multiplication problem.

$1.5 \times 10 = \underline{15}$

$1.5 \times 100 = \underline{150}$

$1.5 \times 1,000 = \underline{1,500}$

$3.02 \times 10 = \underline{30.2}$

$3.02 \times 100 = \underline{302}$

$3.02 \times 1,000 = \underline{3,020}$

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$5.8 \times 10,000 = \underline{58,000}$

$5.002 \times 10,000 = \underline{50,020}$