

Name: _____

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

Decimal Multiplication Patterns

Write the product for each multiplication problem.

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

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

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

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

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

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

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

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

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

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

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

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

$7.2 \times 10 = \underline{\hspace{2cm}}$

$6.4 \times 1,000 = \underline{\hspace{2cm}}$

$9.06 \times 1,000 = \underline{\hspace{2cm}}$

$6.2 \times 100 = \underline{\hspace{2cm}}$

$4.651 \times 100 = \underline{\hspace{2cm}}$

$7.264 \times 10 = \underline{\hspace{2cm}}$

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

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

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

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

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

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

ANSWER KEY

Decimal Multiplication Patterns

Write the product for each multiplication problem.

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

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

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

$$1.5 \times 10,000 = \underline{15,000}$$

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

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

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

$$3.02 \times 10,000 = \underline{30,200}$$

$$8.1 \times 1,000 = \underline{8,100}$$

$$4.023 \times 1,000 = \underline{4,023}$$

$$6.77 \times 100 = \underline{677}$$

$$0.343 \times 100 = \underline{34.3}$$

$$7.2 \times 10 = \underline{72}$$

$$6.4 \times 1,000 = \underline{6,400}$$

$$9.06 \times 1,000 = \underline{9,060}$$

$$6.2 \times 100 = \underline{620}$$

$$4.651 \times 100 = \underline{465.1}$$

$$7.264 \times 10 = \underline{72.64}$$

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

$$12.6 \times 10 = \underline{126}$$

$$11.91 \times 1,000 = \underline{11,910}$$

$$6.3 \times 10 = \underline{63}$$

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

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