

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

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

## Decimal Division Patterns

Write the quotient for each division problem.

$2.5 \div 10 = \underline{\hspace{2cm}}$

$2.5 \div 100 = \underline{\hspace{2cm}}$

$2.5 \div 1,000 = \underline{\hspace{2cm}}$

$2.5 \div 10,000 = \underline{\hspace{2cm}}$

$40.5 \div 10 = \underline{\hspace{2cm}}$

$40.5 \div 100 = \underline{\hspace{2cm}}$

$40.5 \div 1,000 = \underline{\hspace{2cm}}$

$40.5 \div 10,000 = \underline{\hspace{2cm}}$

$9.6 \div 1,000 = \underline{\hspace{2cm}}$

$402.3 \div 1,000 = \underline{\hspace{2cm}}$

$89.2 \div 100 = \underline{\hspace{2cm}}$

$343.6 \div 100 = \underline{\hspace{2cm}}$

$78.3 \div 10 = \underline{\hspace{2cm}}$

$6.9 \div 1,000 = \underline{\hspace{2cm}}$

$85.2 \div 1,000 = \underline{\hspace{2cm}}$

$45.1 \div 100 = \underline{\hspace{2cm}}$

$465.1 \div 100 = \underline{\hspace{2cm}}$

$72.64 \div 10 = \underline{\hspace{2cm}}$

$12.5 \div 100 = \underline{\hspace{2cm}}$

$47.9 \div 10 = \underline{\hspace{2cm}}$

$136.8 \div 1,000 = \underline{\hspace{2cm}}$

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

$158.3 \div 10,000 = \underline{\hspace{2cm}}$

$7,893.2 \div 10,000 = \underline{\hspace{2cm}}$

# ANSWER KEY

## Decimal Division Patterns

Write the quotient for each division problem.

$$2.5 \div 10 = \underline{0.25}$$

$$2.5 \div 100 = \underline{0.025}$$

$$2.5 \div 1,000 = \underline{0.0025}$$

$$2.5 \div 10,000 = \underline{0.00025}$$

$$40.5 \div 10 = \underline{4.05}$$

$$40.5 \div 100 = \underline{0.405}$$

$$40.5 \div 1,000 = \underline{0.0405}$$

$$40.5 \div 10,000 = \underline{0.00405}$$

$$9.6 \div 1,000 = \underline{0.0096}$$

$$402.3 \div 1,000 = \underline{0.4023}$$

$$89.2 \div 100 = \underline{0.892}$$

$$343.6 \div 100 = \underline{3.436}$$

$$78.3 \div 10 = \underline{7.83}$$

$$6.9 \div 1,000 = \underline{0.0069}$$

$$85.2 \div 1,000 = \underline{0.0852}$$

$$45.1 \div 100 = \underline{0.451}$$

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

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

$$12.5 \div 100 = \underline{0.125}$$

$$47.9 \div 10 = \underline{4.79}$$

$$136.8 \div 1,000 = \underline{0.1368}$$

$$6.3 \div 10 = \underline{0.63}$$

$$158.3 \div 10,000 = \underline{0.01583}$$

$$7,893.2 \div 10,000 = \underline{0.78932}$$