

# Dividing a Decimal by a Power of Ten

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

Solve the following problems.

$$12.5 \div 10^3 = 12.5 \div 1,000 =$$

$$10.5 \div 10^1 =$$

$$12.5 \div 10^2 = 12.5 \div 100 =$$

$$10.5 \div 10^2 =$$

$$12.5 \div 10^1 = 12.5 \div 10 =$$

$$10.5 \div 10^3 =$$

$$9.4 \div 10^1 =$$

$$6.3 \div 10^1 =$$

$$9.4 \div 10^2 =$$

$$6.3 \div 10^2 =$$

$$9.4 \div 10^3 =$$

$$6.3 \div 10^3 =$$

$$201.1 \div 10^3 =$$

$$25.1 \div 10^3 =$$

$$201.1 \div 10^2 =$$

$$25.1 \div 10^2 =$$

$$201.1 \div 10^1 =$$

$$25.1 \div 10^1 =$$

# Answers

Solve the following problems.

$$12.5 \div 10^3 = 12.5 \div 1,000 = 0.0125$$

$$12.5 \div 10^2 = 12.5 \div 100 = 0.125$$

$$12.5 \div 10^1 = 12.5 \div 10 = 1.25$$

$$9.4 \div 10^1 = 9.4 \div 10 = 0.94$$

$$9.4 \div 10^2 = 9.4 \div 100 = 0.094$$

$$9.4 \div 10^3 = 9.4 \div 1,000 = 0.0094$$

$$201.1 \div 10^3 = 201.1 \div 1,000 = 0.2011$$

$$201.1 \div 10^2 = 201.1 \div 100 = 2.011$$

$$201.1 \div 10^1 = 201.1 \div 10 = 20.11$$

$$10.5 \div 10^1 = 10.5 \div 10 = 1.05$$

$$10.5 \div 10^2 = 10.5 \div 100 = 0.105$$

$$10.5 \div 10^3 = 10.5 \div 1,000 = 0.0105$$

$$6.3 \div 10^1 = 6.3 \div 10 = 0.63$$

$$6.3 \div 10^2 = 6.3 \div 100 = 0.063$$

$$6.3 \div 10^3 = 6.3 \div 1,000 = 0.0063$$

$$25.1 \div 10^3 = 25.1 \div 1,000 = 0.0251$$

$$25.1 \div 10^2 = 25.1 \div 100 = 0.251$$

$$25.1 \div 10^1 = 25.1 \div 10 = 2.51$$