

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.

$$15.5 \div 10^3 = 15.5 \div 1,000 = 0.0155$$

$$15.5 \div 10^2 = 15.5 \div 100 = 0.155$$

$$15.5 \div 10^1 = 15.5 \div 10 = 1.55$$

$$3.2 \div 10^1 = 3.2 \div 10 = 0.32$$

$$3.2 \div 10^2 = 3.2 \div 100 = 0.032$$

$$3.2 \div 10^3 = 3.2 \div 1,000 = 0.0032$$

$$100.1 \div 10^3 = 100.1 \div 1,000 = 0.1001$$

$$100.1 \div 10^2 = 100.1 \div 100 = 1.001$$

$$100.1 \div 10^1 = 100.1 \div 10 = 10.01$$

$$20.2 \div 10^1 = 20.2 \div 10 = 2.02$$

$$20.2 \div 10^2 = 20.2 \div 100 = 0.202$$

$$20.2 \div 10^3 = 20.2 \div 1,000 = 0.0202$$

$$2.4 \div 10^1 = 2.4 \div 10 = 0.24$$

$$2.4 \div 10^2 = 2.4 \div 100 = 0.024$$

$$2.4 \div 10^3 = 2.4 \div 1,000 = 0.0024$$

$$15.1 \div 10^3 = 15.1 \div 1,000 = 0.0151$$

$$15.1 \div 10^2 = 15.1 \div 100 = 0.151$$

$$15.1 \div 10^1 = 15.1 \div 10 = 1.51$$