

# Multiplying a Decimal by a Power of Ten

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

Solve the following problems.



$3.7 \times 1,000 =$

$0.3 \times 1,000 =$

$3.7 \times 100 =$

$0.3 \times 100 =$

$3.7 \times 10 =$

$3.3 \times 10 =$

$8.5 \times 10 =$

$9.4 \times 10 =$

$5.1 \times 10 =$

$0.2 \times 10 =$

$9.4 \times 100 =$

$5.1 \times 100 =$

$0.2 \times 100 =$

$9.4 \times 1,000 =$

$5.1 \times 1,000 =$

$0.2 \times 1,000 =$

$0.1 \times 1,000 =$

$7.5 \times 1,000 =$

$1.2 \times 1,000 =$

$0.1 \times 100 =$

$7.5 \times 100 =$

$1.2 \times 100 =$

$0.1 \times 10 =$

$7.5 \times 10 =$

$1.2 \times 10 =$

# Answers

Solve the following problems.



$$3.7 \times 1,000 = 3,700$$

$$0.3 \times 1,000 = 300$$

$$3.7 \times 100 = 370$$

$$0.3 \times 100 = 30$$

$$3.7 \times 10 = 37$$

$$3.3 \times 10 = 33$$

$$8.5 \times 10 = 85$$

$$9.4 \times 10 = 94$$

$$5.1 \times 10 = 51$$

$$0.2 \times 10 = 2$$

$$9.4 \times 100 = 940$$

$$5.1 \times 100 = 510$$

$$0.2 \times 100 = 20$$

$$9.4 \times 1,000 = 9,400$$

$$5.1 \times 1,000 = 5,100$$

$$0.2 \times 1,000 = 200$$

$$0.1 \times 1,000 = 100$$

$$7.5 \times 1,000 = 7,500$$

$$1.2 \times 1,000 = 1,200$$

$$0.1 \times 100 = 10$$

$$7.5 \times 100 = 750$$

$$1.2 \times 100 = 120$$

$$0.1 \times 10 = 1$$

$$7.5 \times 10 = 75$$

$$1.2 \times 10 = 12$$