Multiplying a Decimal by a Power of Ten

Name: _____   Score: _____

Solve the following problems.

$2.5 \times 10^3 = 2.5 \times 1{,}000 =$　　　　　　　$1.8 \times 10^1 =$　　　　$=$

$2.5 \times 10^2 = 2.5 \times 100 =$　　　　　　　$1.8 \times 10^2 =$　　　　$=$

$2.5 \times 10^1 = 2.5 \times 10 =$　　　　　　　$1.8 \times 10^3 =$　　　　$=$

$0.4 \times 10^1 =$　　　　　　$=$　　　　　　$0.3 \times 10^1 =$　　　　$=$

$0.4 \times 10^2 =$　　　　　　$=$　　　　　　$0.3 \times 10^2 =$　　　　$=$

$0.4 \times 10^3 =$　　　　　　$=$　　　　　　$0.3 \times 10^3 =$　　　　$=$

$1.1 \times 10^3 =$　　　　　　$=$　　　　　　$0.09 \times 10^3 =$　　　　$=$

$1.1 \times 10^2 =$　　　　　　$=$　　　　　　$0.09 \times 10^2 =$　　　　$=$

$1.1 \times 10^1 =$　　　　　　$=$　　　　　　$0.09 \times 10^1 =$　　　　$=$

Answers

Solve the following problems.

$2.5 \times 10^3 = 2.5 \times 1{,}000 = 2{,}500$

$1.8 \times 10^1 = 1.8 \times 10 = 18$

$2.5 \times 10^2 = 2.5 \times 100 = 250$

$1.8 \times 10^2 = 1.8 \times 100 = 180$

$2.5 \times 10^1 = 2.5 \times 10 = 25$

$1.8 \times 10^3 = 1.8 \times 1{,}000 = 1{,}800$

$0.4 \times 10^1 = 0.4 \times 10 = 4$

$0.3 \times 10^1 = 0.3 \times 10 = 3$

$0.4 \times 10^2 = 0.4 \times 100 = 40$

$0.3 \times 10^2 = 0.3 \times 100 = 30$

$0.4 \times 10^3 = 0.4 \times 1{,}000 = 400$

$0.3 \times 10^3 = 0.3 \times 1{,}000 = 300$

$1.1 \times 10^3 = 1.1 \times 1{,}000 = 1{,}100$

$0.09 \times 10^3 = 0.09 \times 1{,}000 = 90$

$1.1 \times 10^2 = 1.1 \times 100 = 110$

$0.09 \times 10^2 = 0.09 \times 100 = 9$

$1.1 \times 10^1 = 1.1 \times 10 = 11$

$0.09 \times 10^1 = 0.09 \times 10 = 0.9$