

Name: Click or tap here to enter text.

## Multiplying a Decimal by a Power of Ten



To multiply a **decimal** by a power of 10, move the decimal point one place to the right for each 0 after the 1.



$$0.48 \times 10 = 4.80$$

$$0.22 \times 100 = 22$$

$$.03 \times 1,000 = 3$$

Directions: Multiply each decimal by the power of ten. Click the box in front of the correct answer.

1.  $.34 \times 100 =$  ☐ .34 ☐ 34 ☐ 340

2.  $.25 \times 100 =$  ☐ 2,500 ☐ .25 ☐ 25

3.  $.672 \times 1,000 =$  ☐ 672 ☐ 6,720 ☐ 6.72

4.  $.219 \times 10 =$  ☐ 21.9 ☐ 2.19 ☐ 219

5.  $.91 \times 1,000 =$  ☐ 910 ☐ 9.1 ☐ .91

6.  $.45 \times 10 =$  ☐ 450 ☐ 45 ☐ 4.5

7.  $100 \times .22 =$  ☐ 22 ☐ .22 ☐ 2.2

8.  $1,000 \times .839 =$  ☐ 8.39 ☐ 83.9 ☐ 839

9.  $10 \times .57 =$  ☐ 570 ☐ 5.7 ☐ 57

10.  $10 \times .694 =$  ☐ 694 ☐ 6.94 ☐ 69.4