Name: Click or tap here to enter text.

Multiplying by the Power of 10

When multiplying a **whole number** by the power of 10, count the number of zeros after the 1, and stick it to the end of the number you are multiplying.

48 × 10 = 480
22 × 100 = 2,200
3 × 1,000 = 3,000

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 × 10 = 4.80
0.22 × 100 = 22
.03 × 1,000 = 3

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

1. 34 X 100 = ☐ 34 ☐ 340 ☐ 3,400
2. 5 X 100 = ☐ 500 ☐ 5 ☐ 50
3. 672 X 1,000 = ☐ 672,000 ☐ 672 ☐ 6,720
4. 219 X 10 = ☐ 219,000 ☐ 219 ☐ 2,190
5. 91 X 1,000 = ☐ 910 ☐ 9,100 ☐ 91,000
6. 45 X 10 = ☐ 450 ☐ 45 ☐ 4,500
7. 100 X 22 = ☐ 220 ☐ 2,200 ☐ 22
8. 10,000 X 83 = ☐ 830 ☐ 8,300 ☐ 830,000
9. 10 X 57 = ☐ 570 ☐ 57 ☐ 5,700
10. 10 X 694 = ☐ 694 ☐ 6,940 ☐ 69,400