

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.


$$\begin{aligned}48 \times 10 &= 480 \\22 \times 100 &= 2,200 \\3 \times 1,000 &= 3,000\end{aligned}$$



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


$$\begin{aligned}0.48 \times 10 &= 4.80 \\0.22 \times 100 &= 22 \\\text{.}03 \times 1,000 &= 3\end{aligned}$$

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

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