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## Scientific Notation Quiz: Solutions

### A. Convert the decimal numbers into scientific notation

345.95 liters =  $3.4595 \times 10^2$  liters

500000 centimeters =  $5 \times 10^5$  centimeters

0.22 kilograms =  $2.2 \times 10^{-1}$  kilograms

63.2 miles =  $6.32 \times 10^1$  miles

0.0006284 meters =  $6.284 \times 10^{-4}$  meters

### B. Convert the following into decimal numbers

$3.58 \times 10^6$  yards = 3580000 yards

$4.32 \times 10^{-1}$  centimeters = 0.432 centimeters

$5.9 \times 10^2$  meters = 590 meters

$8 \times 10^{-4}$  grams = 0.0008 grams

$6.34080 \times 10^3$  seconds = 6340.80 seconds