

# Chapter 4 Review

**Please complete on a sheet of paper and have a guardian sign for FULL credit. Also, don't forget to show your work!**

## 1. Complete the Pattern

$$1.09 \times 1 = \underline{\hspace{2cm}}$$

$$1.09 \times 10 = \underline{\hspace{2cm}}$$

$$1.09 \times 100 = \underline{\hspace{2cm}}$$



## 2. Complete the Pattern

$$60 \times 1 = \underline{\quad}$$

$$60 \times 0.1 = \underline{\quad}$$

$$60 \times 0.01 = \underline{\quad}$$



### 3. Multiply decimal by a whole number

$$\begin{array}{r} 23.66 \\ \times \quad 5 \\ \hline \end{array}$$

## 4. Multiply decimal by a whole number

$$\begin{array}{r} 1.45 \\ \times \quad 3 \\ \hline \end{array}$$

## 5. Multiply decimal by a decimal

$$\begin{array}{r} 2.46 \\ \times .9 \\ \hline \end{array}$$

## 6. Multiply decimal by a decimal

$$58.14 \times 3.3$$

## 7. Solve the Word Problem

Each runner in a charity race has to raise \$250 to participate. Suppose a runner receives 5 donations of \$40 each and 1 donation of \$35. How much more money does the runner need to raise in order to participate in the charity race?



## 8. Solve the Word Problem

Three friends are selling items at a bake sale. May makes \$23.25 selling bread Ines sells gift baskets and makes 100 times as much as May. Carolyn sells pies and makes one tenth of the money Ines makes. How much money does each friend make?

## 9. Solve the Word Problem

Emily's Bike Shop sold bikes that were priced at \$200 and four bikes priced at \$175. How much money did the bike shop make from the sales?

## 10. Solve the Word Problem

Bruce is getting materials for a chemistry experiment. His teacher gives him a container that holds 0.25 liter of a blue liquid. Bruce needs to use  $\frac{2}{5}$  of this liquid for the experiment. How much blue liquid will Bruce use?

## 11. Solve the Word Problem

Landon is mixing some bleach and water for washing windows. He puts 0.25 quart of bleach in a bucket. Then he puts 10 times as much water as bleach into the bucket. How much water did he add to the bucket?

## 12. Solve the Word Problem

Karen was doing research for a report about the longest rivers on Earth. He read that the Nile River is  $4.16 \times 10^3$  miles long. How should Karen write the length of the river in standard form on her report?