

Multiply. Estimate to check if your answers are reasonable. Show all work.

11.  $74 \times 55 = 4,200$

$$70 \times 60 = 4,200$$

12.  $810 \times 65 = 56,000$

$$800 \times 70 = 56,000$$

13.  $1,385 \times 38 = 40,000$

$$1,000 \times 40 = 40,000$$

Name LOZ

## Study Guide for math quiz 2.2 - 2.4

1. Label the following with the correct term.  
base      exponent      product      factor

$$4 \times 5 = 20$$

$$10^2$$

Multiply

$$2. \quad 17 \times 100 = 1,700$$

$$3. \quad 592 \times 1,000 = 592,000$$

$$4. \quad 9,860 \times 100 = 986,000$$

Find the missing factors

$$5. \quad 62 \times \underline{100} = 6,200$$

$$6. \quad \underline{1,000} \times 147 = 147,000$$

Find the products

$$7. \quad 84 \times 300 = 25,200 \quad 8. \quad 49 \times 800$$

$$\begin{array}{r} 300 \\ \times 84 \\ \hline 11,200 \\ + 24,000 \\ \hline 25,200 \end{array}$$

Multiply

$$9. \quad 14 \times 10^2 = 1,400$$

$$10. \quad 780 \times 10^3 = 780,000$$

$$11. \quad 163 \times 10^2 = 16,300$$