

Name LOZ

Study Guide for math quiz 2.2 - 2.4

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

$$4 \times 5 = 20$$

factor → 4 5 → product 20

base number → 10^2 exponent

Multiply

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

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

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

Find the missing factors

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

6. $\underline{6000} \times 147 = 147,000$

Find the products

7. $84 \times 300 = 25,200$ 8. $49 \times 800 = 39,200$

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

Multiply

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

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

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