

Name: LOZDate: 9-15-20

I pledge on my honor that I have neither given nor received unauthorized aid on this quiz.

Student signature: Rosmclaw3iv**2.2-2.4 Quiz**

1. Label the following with the correct term.

base exponent product factor

$3 \times 4 = 12$
 factor product base exponent

2. $27 \times 100 = \underline{2,700}$

3. $487 \times 1,000 = \underline{487,000}$

4. $9,670 \times 100 = \underline{967,000}$

Find the missing factors:

5. $26 \times \underline{100} = 2,600$

6. $\underline{1,000} \times 168 = 168,000$

Solve \rightarrow 7. $72 \times 400 = \underline{28,800}$

Multiply.

8. $24 \times 10^2 = \underline{2,400}$

9. $630 \times 10^3 = \underline{630,000}$

10. $145 \times 10^2 = \underline{14,500}$

Multiply. Estimate to show if your answers are reasonable.

11. $65 \times 44 = \underline{2,860}$

65 rounds to 70
 $70 \times 40 = 2,800$
 $2,800 + 600 = 3,400$
 2,860

12. $910 \times 85 = \underline{77,350}$

910 rounds to 900
 $900 \times 90 = 81,000$
 $81,000 - 1,650 = 79,350$
 77,350

13. $1,256 \times 45 = \underline{56,520}$

1,256 rounds to 1,000
 $1,000 \times 50 = 50,000$
 $1,256 \times 45 = 56,520$