

Name _____

Learning Significant Figures

Multiplying numbers with significant figures and rounding the results.

Find the decimal place of the least precise number.
Perform the multiplication.
Round to match the decimal place of the least precise number.

1) $4.56 \times 2.1 =$ 9.6

2) $0.0123 \times 345.0 =$ 4.2

3) $5.678 \times 3.2 =$ 18

4) $0.0045 \times 12.34 =$ 0.055

5) $100.1 \times 0.002 =$ 0.20

6) $6.78 \times 0.345 =$ 2.34

7) $45.6 \times 2.34 =$ 107

8) $0.0056 \times 0.0345 =$ 0.00019

9) $839 \times 4.567 =$ 4037

10) $123.4 \times 0.045 =$ 5.6

11) $0.789 \times 1.2 =$ 0.95

12) $9.876 \times 0.0034 =$ 0.0336

13) $0.0567 \times 3.45 =$ 0.196

14) $76.5 \times 0.12 =$ 9.2

15) $5.6789 \times 2.1 =$ 12