

Multiplying with Scientific Notation

Name: _____

Solve each problem. Answer in scientific notation.

1) $(4 \times 10^6) \times (6 \times 10^{10})$

2) $(4.73 \times 10^9) \times (3.26 \times 10^3)$

3) $(7.35 \times 10^5) \times (3.48 \times 10^6)$

4) $(2.67 \times 10^9) \times (8.58 \times 10^9)$

5) $(1.11 \times 10^9) \times (2.57 \times 10^8)$

6) $(1.24 \times 10^4) \times (8.59 \times 10^5)$

7) $(1.68 \times 10^8) \times (4.78 \times 10^8)$

8) $(5.1 \times 10^5) \times (8.8 \times 10^6)$

9) $(1.7 \times 10^5) \times (3.9 \times 10^6)$

10) $(2.57 \times 10^7) \times (2.36 \times 10^3)$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

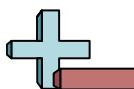
6. _____

7. _____

8. _____

9. _____

10. _____



Multiplying with Scientific Notation

Name: **Answer Key**

Solve each problem. Answer in scientific notation.

1) $(4 \times 10^6) \times (6 \times 10^{10})$
 $(4 \times 6) \times (10^6 \times 10^{10})$
 24×10^{16}
 2.4×10^{17}

2) $(4.73 \times 10^9) \times (3.26 \times 10^3)$
 $(4.73 \times 3.26) \times (10^9 \times 10^3)$
 15.4198×10^{12}
 1.54198×10^{13}

3) $(7.35 \times 10^5) \times (3.48 \times 10^6)$
 $(7.35 \times 3.48) \times (10^5 \times 10^6)$
 25.578×10^{11}
 2.5578×10^{12}

4) $(2.67 \times 10^9) \times (8.58 \times 10^9)$
 $(2.67 \times 8.58) \times (10^9 \times 10^9)$
 22.9086×10^{18}
 2.29086×10^{19}

5) $(1.11 \times 10^9) \times (2.57 \times 10^8)$
 $(1.11 \times 2.57) \times (10^9 \times 10^8)$
 2.8527×10^{17}
 2.8527×10^{17}

6) $(1.24 \times 10^4) \times (8.59 \times 10^5)$
 $(1.24 \times 8.59) \times (10^4 \times 10^5)$
 10.6516×10^9
 1.06516×10^{10}

7) $(1.68 \times 10^8) \times (4.78 \times 10^8)$
 $(1.68 \times 4.78) \times (10^8 \times 10^8)$
 8.0304×10^{16}
 8.0304×10^{16}

8) $(5.1 \times 10^5) \times (8.8 \times 10^6)$
 $(5.1 \times 8.8) \times (10^5 \times 10^6)$
 44.88×10^{11}
 4.488×10^{12}

9) $(1.7 \times 10^5) \times (3.9 \times 10^6)$
 $(1.7 \times 3.9) \times (10^5 \times 10^6)$
 6.63×10^{11}
 6.63×10^{11}

10) $(2.57 \times 10^7) \times (2.36 \times 10^3)$
 $(2.57 \times 2.36) \times (10^7 \times 10^3)$
 6.0652×10^{10}
 6.0652×10^{10}

Answers1. 2.4×10^{17} 2. 1.54198×10^{13} 3. 2.5578×10^{12} 4. 2.29086×10^{19} 5. 2.8527×10^{17} 6. 1.06516×10^{10} 7. 8.0304×10^{16} 8. 4.488×10^{12} 9. 6.63×10^{11} 10. 6.0652×10^{10}