

Multiplying with Scientific Notation

Name: _____

Solve each problem. Answer in scientific notation.

1) $(8.8 \times 10^9) \times (1 \times 10^5)$

2) $(5.9 \times 10^9) \times (4.7 \times 10^7)$

3) $(4.8 \times 10^7) \times (5.3 \times 10^6)$

4) $(7.4 \times 10^9) \times (4 \times 10^6)$

5) $(2.6 \times 10^4) \times (2.9 \times 10^3)$

6) $(3.4 \times 10^9) \times (5.9 \times 10^7)$

7) $(9.9 \times 10^5) \times (2.9 \times 10^4)$

8) $(6.8 \times 10^8) \times (8.1 \times 10^7)$

9) $(6.2 \times 10^4) \times (8.24 \times 10^6)$

10) $(6 \times 10^9) \times (7.3 \times 10^9)$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

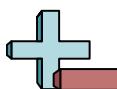
6. _____

7. _____

8. _____

9. _____

10. _____



Multiplying with Scientific Notation

Name: **Answer Key**

Solve each problem. Answer in scientific notation.

1) $(8.8 \times 10^9) \times (1 \times 10^5)$

$(8.8 \times 1) \times (10^9 \times 10^5)$

8.8×10^{14}

8.8×10^{14}

2) $(5.9 \times 10^9) \times (4.7 \times 10^7)$

$(5.9 \times 4.7) \times (10^9 \times 10^7)$

27.73×10^{16}

2.773×10^{17}

3) $(4.8 \times 10^7) \times (5.3 \times 10^6)$

$(4.8 \times 5.3) \times (10^7 \times 10^6)$

25.44×10^{13}

2.544×10^{14}

4) $(7.4 \times 10^9) \times (4 \times 10^6)$

$(7.4 \times 4) \times (10^9 \times 10^6)$

29.6×10^{15}

2.96×10^{16}

5) $(2.6 \times 10^4) \times (2.9 \times 10^3)$

$(2.6 \times 2.9) \times (10^4 \times 10^3)$

7.54×10^7

7.54×10^7

6) $(3.4 \times 10^9) \times (5.9 \times 10^7)$

$(3.4 \times 5.9) \times (10^9 \times 10^7)$

20.06×10^{16}

2.006×10^{17}

7) $(9.9 \times 10^5) \times (2.9 \times 10^4)$

$(9.9 \times 2.9) \times (10^5 \times 10^4)$

28.71×10^9

2.871×10^{10}

8) $(6.8 \times 10^8) \times (8.1 \times 10^7)$

$(6.8 \times 8.1) \times (10^8 \times 10^7)$

55.08×10^{15}

5.508×10^{16}

9) $(6.2 \times 10^4) \times (8.24 \times 10^6)$

$(6.2 \times 8.24) \times (10^4 \times 10^6)$

51.088×10^{10}

5.1088×10^{11}

10) $(6 \times 10^9) \times (7.3 \times 10^9)$

$(6 \times 7.3) \times (10^9 \times 10^9)$

43.8×10^{18}

4.38×10^{19}

Answers

8.8×10^{14}

2.773×10^{17}

2.544×10^{14}

2.96×10^{16}

7.54×10^7

2.006×10^{17}

2.871×10^{10}

5.508×10^{16}

5.1088×10^{11}

4.38×10^{19}