Multiplying with Scientific Notation

Name:

Solve each problem. Answer in scientific notation.

1) $(5.9\times10^{7}) \times (4.4\times10^{10})$

2) $(4.3\times10^{6}) \times (9.8\times10^{4})$

3) $(2.9\times10^{4}) \times (5.81\times10^{3})$

4) $(3.8\times10^{9}) \times (5.35\times10^{9})$

5) $(7.56\times10^{10}) \times (3.73\times10^{6})$

6) $(5.74\times10^{3}) \times (6.35\times10^{6})$

7) $(6.6\times10^{8}) \times (5.2\times10^{10})$

8) $(3.6\times10^{3}) \times (8.6\times10^{5})$

9) $(8.29\times10^{9}) \times (1.8\times10^{10})$

10) $(8.82\times10^{8}) \times (1.59\times10^{7})$

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

1-10	90	80	70	60	50	40	30	20	10	0

Multiplying with Scientific Notation Name: **Answer Key**

Solve each problem. Answer in scientific notation.

1) $(5.9\times10^{7}) \times (4.4\times10^{10})$

$(5.9\times4.4) \times (10^{7}\times10^{10})$

25.96×10^{17}

2.596×10^{18}

2) $(4.3\times10^{6}) \times (9.8\times10^{4})$

$(4.3\times9.8) \times (10^{6}\times10^{4})$

42.14×10^{10}

4.214×10^{11}

3) $(2.9\times10^{4}) \times (5.81\times10^{3})$

$(2.9\times5.81) \times (10^{4}\times10^{3})$

16.849×10^{7}

1.6849×10^{8}

4) $(3.8\times10^{9}) \times (5.35\times10^{9})$

$(3.8\times5.35) \times (10^{9}\times10^{9})$

20.33×10^{18}

2.033×10^{19}

5) $(7.56\times10^{10}) \times (3.73\times10^{6})$

$(7.56\times3.73) \times (10^{10}\times10^{6})$

28.1988×10^{16}

2.81988×10^{17}

6) $(5.74\times10^{3}) \times (6.35\times10^{6})$

$(5.74\times6.35) \times (10^{3}\times10^{6})$

36.449×10^{9}

3.6449×10^{10}

7) $(6.6\times10^{8}) \times (5.2\times10^{10})$

$(6.6\times5.2) \times (10^{8}\times10^{10})$

34.32×10^{18}

3.432×10^{19}

8) $(3.6\times10^{3}) \times (8.6\times10^{5})$

$(3.6\times8.6) \times (10^{3}\times10^{5})$

30.96×10^{8}

3.096×10^{9}

9) $(8.29\times10^{9}) \times (1.8\times10^{10})$

$(8.29\times1.8) \times (10^{9}\times10^{10})$

14.922×10^{19}

1.4922×10^{20}

10) $(8.82\times10^{8}) \times (1.59\times10^{7})$

$(8.82\times1.59) \times (10^{8}\times10^{7})$

14.0238×10^{15}

1.40238×10^{16}

Answers

1. 2.596×10^{18}
2. 4.214×10^{11}
3. 1.6849×10^{8}
4. 2.033×10^{19}
5. 2.81988×10^{17}
6. 3.6449×10^{10}
7. 3.432×10^{19}
8. 3.096×10^{9}
9. 1.4922×10^{20}
10. 1.40238×10^{16}

1-10	90	80	70	60	50	40	30	20	10	0