



Solve each problem. Answer in scientific notation.

1)  $(5.44 \times 10^3) \times (5.37 \times 10^{10})$

2)  $(1.6 \times 10^7) \times (3.8 \times 10^7)$

3)  $(8.32 \times 10^4) \times (1.88 \times 10^{10})$

4)  $(3.7 \times 10^5) \times (5.2 \times 10^8)$

5)  $(5.05 \times 10^9) \times (4.92 \times 10^7)$

6)  $(1 \times 10^{10}) \times (7.7 \times 10^{10})$

7)  $(5.67 \times 10^6) \times (4.4 \times 10^{10})$

8)  $(6.3 \times 10^7) \times (2.1 \times 10^5)$

9)  $(3.9 \times 10^9) \times (1.4 \times 10^8)$

10)  $(1.8 \times 10^4) \times (4.3 \times 10^{10})$

**Answers**

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_



Solve each problem. Answer in scientific notation.

1)  $(5.44 \times 10^3) \times (5.37 \times 10^{10})$   
 $(5.44 \times 5.37) \times (10^3 \times 10^{10})$   
 $29.2128 \times 10^{13}$   
 $2.92128 \times 10^{14}$

2)  $(1.6 \times 10^7) \times (3.8 \times 10^7)$   
 $(1.6 \times 3.8) \times (10^7 \times 10^7)$   
 $6.08 \times 10^{14}$   
 $6.08 \times 10^{14}$

3)  $(8.32 \times 10^4) \times (1.88 \times 10^{10})$   
 $(8.32 \times 1.88) \times (10^4 \times 10^{10})$   
 $15.6416 \times 10^{14}$   
 $1.56416 \times 10^{15}$

4)  $(3.7 \times 10^5) \times (5.2 \times 10^8)$   
 $(3.7 \times 5.2) \times (10^5 \times 10^8)$   
 $19.24 \times 10^{13}$   
 $1.924 \times 10^{14}$

5)  $(5.05 \times 10^9) \times (4.92 \times 10^7)$   
 $(5.05 \times 4.92) \times (10^9 \times 10^7)$   
 $24.846 \times 10^{16}$   
 $2.4846 \times 10^{17}$

6)  $(1 \times 10^{10}) \times (7.7 \times 10^{10})$   
 $(1 \times 7.7) \times (10^{10} \times 10^{10})$   
 $7.7 \times 10^{20}$   
 $7.7 \times 10^{20}$

7)  $(5.67 \times 10^6) \times (4.4 \times 10^{10})$   
 $(5.67 \times 4.4) \times (10^6 \times 10^{10})$   
 $24.948 \times 10^{16}$   
 $2.4948 \times 10^{17}$

8)  $(6.3 \times 10^7) \times (2.1 \times 10^5)$   
 $(6.3 \times 2.1) \times (10^7 \times 10^5)$   
 $13.23 \times 10^{12}$   
 $1.323 \times 10^{13}$

9)  $(3.9 \times 10^9) \times (1.4 \times 10^8)$   
 $(3.9 \times 1.4) \times (10^9 \times 10^8)$   
 $5.46 \times 10^{17}$   
 $5.46 \times 10^{17}$

10)  $(1.8 \times 10^4) \times (4.3 \times 10^{10})$   
 $(1.8 \times 4.3) \times (10^4 \times 10^{10})$   
 $7.74 \times 10^{14}$   
 $7.74 \times 10^{14}$

**Answers**

1.  $2.92128 \times 10^{14}$

2.  $6.08 \times 10^{14}$

3.  $1.56416 \times 10^{15}$

4.  $1.924 \times 10^{14}$

5.  $2.4846 \times 10^{17}$

6.  $7.7 \times 10^{20}$

7.  $2.4948 \times 10^{17}$

8.  $1.323 \times 10^{13}$

9.  $5.46 \times 10^{17}$

10.  $7.74 \times 10^{14}$