



Solve each problem. Answer in scientific notation.

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

2)  $(4.3 \times 10^6) \times (9.8 \times 10^4)$

3)  $(2.9 \times 10^4) \times (5.81 \times 10^3)$

4)  $(3.8 \times 10^9) \times (5.35 \times 10^9)$

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

6)  $(5.74 \times 10^3) \times (6.35 \times 10^6)$

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

8)  $(3.6 \times 10^3) \times (8.6 \times 10^5)$

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

10)  $(8.82 \times 10^8) \times (1.59 \times 10^7)$

**Answers**

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

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

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

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

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

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

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

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

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

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



Solve each problem. Answer in scientific notation.

1)  $(5.9 \times 10^7) \times (4.4 \times 10^{10})$   
 $(5.9 \times 4.4) \times (10^7 \times 10^{10})$   
 $25.96 \times 10^{17}$   
 $2.596 \times 10^{18}$

2)  $(4.3 \times 10^6) \times (9.8 \times 10^4)$   
 $(4.3 \times 9.8) \times (10^6 \times 10^4)$   
 $42.14 \times 10^{10}$   
 $4.214 \times 10^{11}$

3)  $(2.9 \times 10^4) \times (5.81 \times 10^3)$   
 $(2.9 \times 5.81) \times (10^4 \times 10^3)$   
 $16.849 \times 10^7$   
 $1.6849 \times 10^8$

4)  $(3.8 \times 10^9) \times (5.35 \times 10^9)$   
 $(3.8 \times 5.35) \times (10^9 \times 10^9)$   
 $20.33 \times 10^{18}$   
 $2.033 \times 10^{19}$

5)  $(7.56 \times 10^{10}) \times (3.73 \times 10^6)$   
 $(7.56 \times 3.73) \times (10^{10} \times 10^6)$   
 $28.1988 \times 10^{16}$   
 $2.81988 \times 10^{17}$

6)  $(5.74 \times 10^3) \times (6.35 \times 10^6)$   
 $(5.74 \times 6.35) \times (10^3 \times 10^6)$   
 $36.449 \times 10^9$   
 $3.6449 \times 10^{10}$

7)  $(6.6 \times 10^8) \times (5.2 \times 10^{10})$   
 $(6.6 \times 5.2) \times (10^8 \times 10^{10})$   
 $34.32 \times 10^{18}$   
 $3.432 \times 10^{19}$

8)  $(3.6 \times 10^3) \times (8.6 \times 10^5)$   
 $(3.6 \times 8.6) \times (10^3 \times 10^5)$   
 $30.96 \times 10^8$   
 $3.096 \times 10^9$

9)  $(8.29 \times 10^9) \times (1.8 \times 10^{10})$   
 $(8.29 \times 1.8) \times (10^9 \times 10^{10})$   
 $14.922 \times 10^{19}$   
 $1.4922 \times 10^{20}$

10)  $(8.82 \times 10^8) \times (1.59 \times 10^7)$   
 $(8.82 \times 1.59) \times (10^8 \times 10^7)$   
 $14.0238 \times 10^{15}$   
 $1.40238 \times 10^{16}$

Answers

1.  $2.596 \times 10^{18}$

2.  $4.214 \times 10^{11}$

3.  $1.6849 \times 10^8$

4.  $2.033 \times 10^{19}$

5.  $2.81988 \times 10^{17}$

6.  $3.6449 \times 10^{10}$

7.  $3.432 \times 10^{19}$

8.  $3.096 \times 10^9$

9.  $1.4922 \times 10^{20}$

10.  $1.40238 \times 10^{16}$