



Solve each problem. Answer in scientific notation.

1)  $(3.7 \times 10^9) \times (7.9 \times 10^7)$

2)  $(4.4 \times 10^6) \times (9.3 \times 10^5)$

3)  $(8.39 \times 10^3) \times (2.41 \times 10^{10})$

4)  $(5.72 \times 10^5) \times (1.48 \times 10^8)$

5)  $(7.2 \times 10^9) \times (5 \times 10^6)$

6)  $(5.09 \times 10^{10}) \times (6.14 \times 10^9)$

7)  $(2.3 \times 10^6) \times (5.6 \times 10^5)$

8)  $(1.13 \times 10^6) \times (7.14 \times 10^{10})$

9)  $(2.05 \times 10^5) \times (4.1 \times 10^8)$

10)  $(1.42 \times 10^8) \times (4.28 \times 10^{10})$

**Answers**

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

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

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

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

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

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

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

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

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

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



Solve each problem. Answer in scientific notation.

1)  $(3.7 \times 10^9) \times (7.9 \times 10^7)$   
 $(3.7 \times 7.9) \times (10^9 \times 10^7)$   
 $29.23 \times 10^{16}$   
 $2.923 \times 10^{17}$

2)  $(4.4 \times 10^6) \times (9.3 \times 10^5)$   
 $(4.4 \times 9.3) \times (10^6 \times 10^5)$   
 $40.92 \times 10^{11}$   
 $4.092 \times 10^{12}$

3)  $(8.39 \times 10^3) \times (2.41 \times 10^{10})$   
 $(8.39 \times 2.41) \times (10^3 \times 10^{10})$   
 $20.2199 \times 10^{13}$   
 $2.02199 \times 10^{14}$

4)  $(5.72 \times 10^5) \times (1.48 \times 10^8)$   
 $(5.72 \times 1.48) \times (10^5 \times 10^8)$   
 $8.4656 \times 10^{13}$   
 $8.4656 \times 10^{13}$

5)  $(7.2 \times 10^9) \times (5 \times 10^6)$   
 $(7.2 \times 5) \times (10^9 \times 10^6)$   
 $36 \times 10^{15}$   
 $3.6 \times 10^{16}$

6)  $(5.09 \times 10^{10}) \times (6.14 \times 10^9)$   
 $(5.09 \times 6.14) \times (10^{10} \times 10^9)$   
 $31.2526 \times 10^{19}$   
 $3.12526 \times 10^{20}$

7)  $(2.3 \times 10^6) \times (5.6 \times 10^5)$   
 $(2.3 \times 5.6) \times (10^6 \times 10^5)$   
 $12.88 \times 10^{11}$   
 $1.288 \times 10^{12}$

8)  $(1.13 \times 10^6) \times (7.14 \times 10^{10})$   
 $(1.13 \times 7.14) \times (10^6 \times 10^{10})$   
 $8.0682 \times 10^{16}$   
 $8.0682 \times 10^{16}$

9)  $(2.05 \times 10^5) \times (4.1 \times 10^8)$   
 $(2.05 \times 4.1) \times (10^5 \times 10^8)$   
 $8.405 \times 10^{13}$   
 $8.405 \times 10^{13}$

10)  $(1.42 \times 10^8) \times (4.28 \times 10^{10})$   
 $(1.42 \times 4.28) \times (10^8 \times 10^{10})$   
 $6.0776 \times 10^{18}$   
 $6.0776 \times 10^{18}$

Answers

1.  $2.923 \times 10^{17}$
2.  $4.092 \times 10^{12}$
3.  $2.02199 \times 10^{14}$
4.  $8.4656 \times 10^{13}$
5.  $3.6 \times 10^{16}$
6.  $3.12526 \times 10^{20}$
7.  $1.288 \times 10^{12}$
8.  $8.0682 \times 10^{16}$
9.  $8.405 \times 10^{13}$
10.  $6.0776 \times 10^{18}$