



Solve each problem. Answer in scientific notation.

1)  $(1.4 \times 10^8) \times (6.6 \times 10^{10})$

2)  $(8.4 \times 10^{10}) \times (1.7 \times 10^3)$

3)  $(1.1 \times 10^8) \times (1.3 \times 10^6)$

4)  $(9.95 \times 10^9) \times (2.81 \times 10^9)$

5)  $(9.81 \times 10^8) \times (9.2 \times 10^5)$

6)  $(4.8 \times 10^8) \times (1.2 \times 10^4)$

7)  $(5.7 \times 10^9) \times (2.8 \times 10^4)$

8)  $(9.7 \times 10^7) \times (3 \times 10^9)$

9)  $(4.47 \times 10^4) \times (7.95 \times 10^6)$

10)  $(3.8 \times 10^8) \times (2 \times 10^5)$

Answers

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

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

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

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

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

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

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

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

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

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



Solve each problem. Answer in scientific notation.

1)  $(1.4 \times 10^8) \times (6.6 \times 10^{10})$   
 $(1.4 \times 6.6) \times (10^8 \times 10^{10})$   
 $9.24 \times 10^{18}$   
 $9.24 \times 10^{18}$

2)  $(8.4 \times 10^{10}) \times (1.7 \times 10^3)$   
 $(8.4 \times 1.7) \times (10^{10} \times 10^3)$   
 $14.28 \times 10^{13}$   
 $1.428 \times 10^{14}$

3)  $(1.1 \times 10^8) \times (1.3 \times 10^6)$   
 $(1.1 \times 1.3) \times (10^8 \times 10^6)$   
 $1.43 \times 10^{14}$   
 $1.43 \times 10^{14}$

4)  $(9.95 \times 10^9) \times (2.81 \times 10^9)$   
 $(9.95 \times 2.81) \times (10^9 \times 10^9)$   
 $27.9595 \times 10^{18}$   
 $2.79595 \times 10^{19}$

5)  $(9.81 \times 10^8) \times (9.2 \times 10^5)$   
 $(9.81 \times 9.2) \times (10^8 \times 10^5)$   
 $90.252 \times 10^{13}$   
 $9.0252 \times 10^{14}$

6)  $(4.8 \times 10^8) \times (1.2 \times 10^4)$   
 $(4.8 \times 1.2) \times (10^8 \times 10^4)$   
 $5.76 \times 10^{12}$   
 $5.76 \times 10^{12}$

7)  $(5.7 \times 10^9) \times (2.8 \times 10^4)$   
 $(5.7 \times 2.8) \times (10^9 \times 10^4)$   
 $15.96 \times 10^{13}$   
 $1.596 \times 10^{14}$

8)  $(9.7 \times 10^7) \times (3 \times 10^9)$   
 $(9.7 \times 3) \times (10^7 \times 10^9)$   
 $29.1 \times 10^{16}$   
 $2.91 \times 10^{17}$

9)  $(4.47 \times 10^4) \times (7.95 \times 10^6)$   
 $(4.47 \times 7.95) \times (10^4 \times 10^6)$   
 $35.5365 \times 10^{10}$   
 $3.55365 \times 10^{11}$

10)  $(3.8 \times 10^8) \times (2 \times 10^5)$   
 $(3.8 \times 2) \times (10^8 \times 10^5)$   
 $7.6 \times 10^{13}$   
 $7.6 \times 10^{13}$

Answers

1.  $9.24 \times 10^{18}$
2.  $1.428 \times 10^{14}$
3.  $1.43 \times 10^{14}$
4.  $2.79595 \times 10^{19}$
5.  $9.0252 \times 10^{14}$
6.  $5.76 \times 10^{12}$
7.  $1.596 \times 10^{14}$
8.  $2.91 \times 10^{17}$
9.  $3.55365 \times 10^{11}$
10.  $7.6 \times 10^{13}$