



Solve each problem. Answer in scientific notation.

1)  $(5.5 \times 10^5) \times (2.2 \times 10^5)$

2)  $(6.03 \times 10^3) \times (7.66 \times 10^6)$

3)  $(3.31 \times 10^9) \times (8.44 \times 10^7)$

4)  $(2.7 \times 10^5) \times (4.66 \times 10^{10})$

5)  $(8.2 \times 10^7) \times (3.8 \times 10^7)$

6)  $(1 \times 10^7) \times (5.3 \times 10^4)$

7)  $(4.27 \times 10^5) \times (8.82 \times 10^{10})$

8)  $(3.27 \times 10^4) \times (5.54 \times 10^8)$

9)  $(5.4 \times 10^9) \times (6.1 \times 10^7)$

10)  $(1.8 \times 10^8) \times (4.4 \times 10^7)$

**Answers**

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

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

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

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

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

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

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

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

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

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



Solve each problem. Answer in scientific notation.

1)  $(5.5 \times 10^5) \times (2.2 \times 10^5)$   
 $(5.5 \times 2.2) \times (10^5 \times 10^5)$   
 $12.1 \times 10^{10}$   
 $1.21 \times 10^{11}$

2)  $(6.03 \times 10^3) \times (7.66 \times 10^6)$   
 $(6.03 \times 7.66) \times (10^3 \times 10^6)$   
 $46.1898 \times 10^9$   
 $4.61898 \times 10^{10}$

3)  $(3.31 \times 10^9) \times (8.44 \times 10^7)$   
 $(3.31 \times 8.44) \times (10^9 \times 10^7)$   
 $27.9364 \times 10^{16}$   
 $2.79364 \times 10^{17}$

4)  $(2.7 \times 10^5) \times (4.66 \times 10^{10})$   
 $(2.7 \times 4.66) \times (10^5 \times 10^{10})$   
 $12.582 \times 10^{15}$   
 $1.2582 \times 10^{16}$

5)  $(8.2 \times 10^7) \times (3.8 \times 10^7)$   
 $(8.2 \times 3.8) \times (10^7 \times 10^7)$   
 $31.16 \times 10^{14}$   
 $3.116 \times 10^{15}$

6)  $(1 \times 10^7) \times (5.3 \times 10^4)$   
 $(1 \times 5.3) \times (10^7 \times 10^4)$   
 $5.3 \times 10^{11}$   
 $5.3 \times 10^{11}$

7)  $(4.27 \times 10^5) \times (8.82 \times 10^{10})$   
 $(4.27 \times 8.82) \times (10^5 \times 10^{10})$   
 $37.6614 \times 10^{15}$   
 $3.76614 \times 10^{16}$

8)  $(3.27 \times 10^4) \times (5.54 \times 10^8)$   
 $(3.27 \times 5.54) \times (10^4 \times 10^8)$   
 $18.1158 \times 10^{12}$   
 $1.81158 \times 10^{13}$

9)  $(5.4 \times 10^9) \times (6.1 \times 10^7)$   
 $(5.4 \times 6.1) \times (10^9 \times 10^7)$   
 $32.94 \times 10^{16}$   
 $3.294 \times 10^{17}$

10)  $(1.8 \times 10^8) \times (4.4 \times 10^7)$   
 $(1.8 \times 4.4) \times (10^8 \times 10^7)$   
 $7.92 \times 10^{15}$   
 $7.92 \times 10^{15}$

Answers

1.  $1.21 \times 10^{11}$
2.  $4.61898 \times 10^{10}$
3.  $2.79364 \times 10^{17}$
4.  $1.2582 \times 10^{16}$
5.  $3.116 \times 10^{15}$
6.  $5.3 \times 10^{11}$
7.  $3.76614 \times 10^{16}$
8.  $1.81158 \times 10^{13}$
9.  $3.294 \times 10^{17}$
10.  $7.92 \times 10^{15}$