



Solve each problem. Answer in scientific notation.

1)  $(7.27 \times 10^5) \times (5.04 \times 10^8)$

2)  $(5.6 \times 10^{10}) \times (7.8 \times 10^7)$

3)  $(6.64 \times 10^9) \times (4.02 \times 10^4)$

4)  $(4.69 \times 10^8) \times (1.45 \times 10^{10})$

5)  $(1 \times 10^6) \times (4.2 \times 10^5)$

6)  $(9.2 \times 10^7) \times (8.3 \times 10^6)$

7)  $(1.95 \times 10^8) \times (4 \times 10^9)$

8)  $(6.84 \times 10^7) \times (1.09 \times 10^6)$

9)  $(9.15 \times 10^5) \times (2.83 \times 10^5)$

10)  $(3.51 \times 10^7) \times (4.7 \times 10^3)$

**Answers**

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

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

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

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

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

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

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

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

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

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



Solve each problem. Answer in scientific notation.

1)  $(7.27 \times 10^5) \times (5.04 \times 10^8)$   
 $(7.27 \times 5.04) \times (10^5 \times 10^8)$   
 $36.6408 \times 10^{13}$   
 $3.66408 \times 10^{14}$

2)  $(5.6 \times 10^{10}) \times (7.8 \times 10^7)$   
 $(5.6 \times 7.8) \times (10^{10} \times 10^7)$   
 $43.68 \times 10^{17}$   
 $4.368 \times 10^{18}$

3)  $(6.64 \times 10^9) \times (4.02 \times 10^4)$   
 $(6.64 \times 4.02) \times (10^9 \times 10^4)$   
 $26.6928 \times 10^{13}$   
 $2.66928 \times 10^{14}$

4)  $(4.69 \times 10^8) \times (1.45 \times 10^{10})$   
 $(4.69 \times 1.45) \times (10^8 \times 10^{10})$   
 $6.8005 \times 10^{18}$   
 $6.8005 \times 10^{18}$

5)  $(1 \times 10^6) \times (4.2 \times 10^5)$   
 $(1 \times 4.2) \times (10^6 \times 10^5)$   
 $4.2 \times 10^{11}$   
 $4.2 \times 10^{11}$

6)  $(9.2 \times 10^7) \times (8.3 \times 10^6)$   
 $(9.2 \times 8.3) \times (10^7 \times 10^6)$   
 $76.36 \times 10^{13}$   
 $7.636 \times 10^{14}$

7)  $(1.95 \times 10^8) \times (4 \times 10^9)$   
 $(1.95 \times 4) \times (10^8 \times 10^9)$   
 $7.8 \times 10^{17}$   
 $7.8 \times 10^{17}$

8)  $(6.84 \times 10^7) \times (1.09 \times 10^6)$   
 $(6.84 \times 1.09) \times (10^7 \times 10^6)$   
 $7.4556 \times 10^{13}$   
 $7.4556 \times 10^{13}$

9)  $(9.15 \times 10^5) \times (2.83 \times 10^5)$   
 $(9.15 \times 2.83) \times (10^5 \times 10^5)$   
 $25.8945 \times 10^{10}$   
 $2.58945 \times 10^{11}$

10)  $(3.51 \times 10^7) \times (4.7 \times 10^3)$   
 $(3.51 \times 4.7) \times (10^7 \times 10^3)$   
 $16.497 \times 10^{10}$   
 $1.6497 \times 10^{11}$

Answers

1.  $3.66408 \times 10^{14}$

2.  $4.368 \times 10^{18}$

3.  $2.66928 \times 10^{14}$

4.  $6.8005 \times 10^{18}$

5.  $4.2 \times 10^{11}$

6.  $7.636 \times 10^{14}$

7.  $7.8 \times 10^{17}$

8.  $7.4556 \times 10^{13}$

9.  $2.58945 \times 10^{11}$

10.  $1.6497 \times 10^{11}$