



Solve each problem. Answer in scientific notation.

1)  $(4.3 \times 10^9) \times (6.5 \times 10^4)$

2)  $(8.5 \times 10^6) \times (9.3 \times 10^9)$

3)  $(6.7 \times 10^3) \times (3.4 \times 10^5)$

4)  $(4.58 \times 10^7) \times (8.49 \times 10^3)$

5)  $(9.2 \times 10^{10}) \times (3.13 \times 10^7)$

6)  $(3.27 \times 10^6) \times (5.33 \times 10^5)$

7)  $(1.97 \times 10^7) \times (1.17 \times 10^8)$

8)  $(8.2 \times 10^3) \times (1.1 \times 10^7)$

9)  $(6.5 \times 10^{10}) \times (2.7 \times 10^9)$

10)  $(6.87 \times 10^4) \times (8.87 \times 10^6)$

**Answers**

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

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

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

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

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

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

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

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

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

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



Solve each problem. Answer in scientific notation.

1)  $(4.3 \times 10^9) \times (6.5 \times 10^4)$   
 $(4.3 \times 6.5) \times (10^9 \times 10^4)$   
 $27.95 \times 10^{13}$   
 $2.795 \times 10^{14}$

2)  $(8.5 \times 10^6) \times (9.3 \times 10^9)$   
 $(8.5 \times 9.3) \times (10^6 \times 10^9)$   
 $79.05 \times 10^{15}$   
 $7.905 \times 10^{16}$

3)  $(6.7 \times 10^3) \times (3.4 \times 10^5)$   
 $(6.7 \times 3.4) \times (10^3 \times 10^5)$   
 $22.78 \times 10^8$   
 $2.278 \times 10^9$

4)  $(4.58 \times 10^7) \times (8.49 \times 10^3)$   
 $(4.58 \times 8.49) \times (10^7 \times 10^3)$   
 $38.8842 \times 10^{10}$   
 $3.88842 \times 10^{11}$

5)  $(9.2 \times 10^{10}) \times (3.13 \times 10^7)$   
 $(9.2 \times 3.13) \times (10^{10} \times 10^7)$   
 $28.796 \times 10^{17}$   
 $2.8796 \times 10^{18}$

6)  $(3.27 \times 10^6) \times (5.33 \times 10^5)$   
 $(3.27 \times 5.33) \times (10^6 \times 10^5)$   
 $17.4291 \times 10^{11}$   
 $1.74291 \times 10^{12}$

7)  $(1.97 \times 10^7) \times (1.17 \times 10^8)$   
 $(1.97 \times 1.17) \times (10^7 \times 10^8)$   
 $2.3049 \times 10^{15}$   
 $2.3049 \times 10^{15}$

8)  $(8.2 \times 10^3) \times (1.1 \times 10^7)$   
 $(8.2 \times 1.1) \times (10^3 \times 10^7)$   
 $9.02 \times 10^{10}$   
 $9.02 \times 10^{10}$

9)  $(6.5 \times 10^{10}) \times (2.7 \times 10^9)$   
 $(6.5 \times 2.7) \times (10^{10} \times 10^9)$   
 $17.55 \times 10^{19}$   
 $1.755 \times 10^{20}$

10)  $(6.87 \times 10^4) \times (8.87 \times 10^6)$   
 $(6.87 \times 8.87) \times (10^4 \times 10^6)$   
 $60.9369 \times 10^{10}$   
 $6.09369 \times 10^{11}$

Answers

1.  $2.795 \times 10^{14}$

2.  $7.905 \times 10^{16}$

3.  $2.278 \times 10^9$

4.  $3.88842 \times 10^{11}$

5.  $2.8796 \times 10^{18}$

6.  $1.74291 \times 10^{12}$

7.  $2.3049 \times 10^{15}$

8.  $9.02 \times 10^{10}$

9.  $1.755 \times 10^{20}$

10.  $6.09369 \times 10^{11}$