



Solve each problem. Answer in scientific notation.

1)  $(4.5 \times 10^9) \times (7.3 \times 10^8)$

2)  $(1 \times 10^4) \times (4 \times 10^4)$

3)  $(6.84 \times 10^3) \times (2.99 \times 10^4)$

4)  $(8.4 \times 10^9) \times (8.51 \times 10^3)$

5)  $(5.74 \times 10^8) \times (5.73 \times 10^7)$

6)  $(6.26 \times 10^4) \times (4.57 \times 10^6)$

7)  $(9.8 \times 10^9) \times (1.9 \times 10^4)$

8)  $(9.9 \times 10^9) \times (1.1 \times 10^5)$

9)  $(8.58 \times 10^6) \times (4.38 \times 10^7)$

10)  $(6.55 \times 10^{10}) \times (1.97 \times 10^9)$

**Answers**

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

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

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

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

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

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

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

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

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

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



Solve each problem. Answer in scientific notation.

1)  $(4.5 \times 10^9) \times (7.3 \times 10^8)$   
 $(4.5 \times 7.3) \times (10^9 \times 10^8)$   
 $32.85 \times 10^{17}$   
 $3.285 \times 10^{18}$

2)  $(1 \times 10^4) \times (4 \times 10^4)$   
 $(1 \times 4) \times (10^4 \times 10^4)$   
 $4 \times 10^8$   
 $4 \times 10^8$

3)  $(6.84 \times 10^3) \times (2.99 \times 10^4)$   
 $(6.84 \times 2.99) \times (10^3 \times 10^4)$   
 $20.4516 \times 10^7$   
 $2.04516 \times 10^8$

4)  $(8.4 \times 10^9) \times (8.51 \times 10^3)$   
 $(8.4 \times 8.51) \times (10^9 \times 10^3)$   
 $71.484 \times 10^{12}$   
 $7.1484 \times 10^{13}$

5)  $(5.74 \times 10^8) \times (5.73 \times 10^7)$   
 $(5.74 \times 5.73) \times (10^8 \times 10^7)$   
 $32.8902 \times 10^{15}$   
 $3.28902 \times 10^{16}$

6)  $(6.26 \times 10^4) \times (4.57 \times 10^6)$   
 $(6.26 \times 4.57) \times (10^4 \times 10^6)$   
 $28.6082 \times 10^{10}$   
 $2.86082 \times 10^{11}$

7)  $(9.8 \times 10^9) \times (1.9 \times 10^4)$   
 $(9.8 \times 1.9) \times (10^9 \times 10^4)$   
 $18.62 \times 10^{13}$   
 $1.862 \times 10^{14}$

8)  $(9.9 \times 10^9) \times (1.1 \times 10^5)$   
 $(9.9 \times 1.1) \times (10^9 \times 10^5)$   
 $10.89 \times 10^{14}$   
 $1.089 \times 10^{15}$

9)  $(8.58 \times 10^6) \times (4.38 \times 10^7)$   
 $(8.58 \times 4.38) \times (10^6 \times 10^7)$   
 $37.5804 \times 10^{13}$   
 $3.75804 \times 10^{14}$

10)  $(6.55 \times 10^{10}) \times (1.97 \times 10^9)$   
 $(6.55 \times 1.97) \times (10^{10} \times 10^9)$   
 $12.9035 \times 10^{19}$   
 $1.29035 \times 10^{20}$

Answers

1.  $3.285 \times 10^{18}$

2.  $4 \times 10^8$

3.  $2.04516 \times 10^8$

4.  $7.1484 \times 10^{13}$

5.  $3.28902 \times 10^{16}$

6.  $2.86082 \times 10^{11}$

7.  $1.862 \times 10^{14}$

8.  $1.089 \times 10^{15}$

9.  $3.75804 \times 10^{14}$

10.  $1.29035 \times 10^{20}$