



Solve each problem. Answer in scientific notation.

1)  $(5.8 \times 10^3) \times (9.2 \times 10^5)$

2)  $(3.6 \times 10^8) \times (2.6 \times 10^4)$

3)  $(5.86 \times 10^6) \times (3.12 \times 10^{10})$

4)  $(5.8 \times 10^6) \times (3 \times 10^3)$

5)  $(1.85 \times 10^3) \times (7.38 \times 10^5)$

6)  $(8.2 \times 10^4) \times (3.2 \times 10^6)$

7)  $(8.3 \times 10^8) \times (1.5 \times 10^5)$

8)  $(2 \times 10^{10}) \times (6.8 \times 10^8)$

9)  $(2.97 \times 10^3) \times (1.93 \times 10^5)$

10)  $(6.1 \times 10^6) \times (5.75 \times 10^3)$

**Answers**

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

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

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

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

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

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

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

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

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

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



Solve each problem. Answer in scientific notation.

1)  $(5.8 \times 10^3) \times (9.2 \times 10^5)$   
 $(5.8 \times 9.2) \times (10^3 \times 10^5)$   
 $53.36 \times 10^8$   
 $5.336 \times 10^9$

2)  $(3.6 \times 10^8) \times (2.6 \times 10^4)$   
 $(3.6 \times 2.6) \times (10^8 \times 10^4)$   
 $9.36 \times 10^{12}$   
 $9.36 \times 10^{12}$

3)  $(5.86 \times 10^6) \times (3.12 \times 10^{10})$   
 $(5.86 \times 3.12) \times (10^6 \times 10^{10})$   
 $18.2832 \times 10^{16}$   
 $1.82832 \times 10^{17}$

4)  $(5.8 \times 10^6) \times (3 \times 10^3)$   
 $(5.8 \times 3) \times (10^6 \times 10^3)$   
 $17.4 \times 10^9$   
 $1.74 \times 10^{10}$

5)  $(1.85 \times 10^3) \times (7.38 \times 10^5)$   
 $(1.85 \times 7.38) \times (10^3 \times 10^5)$   
 $13.653 \times 10^8$   
 $1.3653 \times 10^9$

6)  $(8.2 \times 10^4) \times (3.2 \times 10^6)$   
 $(8.2 \times 3.2) \times (10^4 \times 10^6)$   
 $26.24 \times 10^{10}$   
 $2.624 \times 10^{11}$

7)  $(8.3 \times 10^8) \times (1.5 \times 10^5)$   
 $(8.3 \times 1.5) \times (10^8 \times 10^5)$   
 $12.45 \times 10^{13}$   
 $1.245 \times 10^{14}$

8)  $(2 \times 10^{10}) \times (6.8 \times 10^8)$   
 $(2 \times 6.8) \times (10^{10} \times 10^8)$   
 $13.6 \times 10^{18}$   
 $1.36 \times 10^{19}$

9)  $(2.97 \times 10^3) \times (1.93 \times 10^5)$   
 $(2.97 \times 1.93) \times (10^3 \times 10^5)$   
 $5.7321 \times 10^8$   
 $5.7321 \times 10^8$

10)  $(6.1 \times 10^6) \times (5.75 \times 10^3)$   
 $(6.1 \times 5.75) \times (10^6 \times 10^3)$   
 $35.075 \times 10^9$   
 $3.5075 \times 10^{10}$

Answers

1.  $5.336 \times 10^9$

2.  $9.36 \times 10^{12}$

3.  $1.82832 \times 10^{17}$

4.  $1.74 \times 10^{10}$

5.  $1.3653 \times 10^9$

6.  $2.624 \times 10^{11}$

7.  $1.245 \times 10^{14}$

8.  $1.36 \times 10^{19}$

9.  $5.7321 \times 10^8$

10.  $3.5075 \times 10^{10}$