



Solve each problem. Answer in scientific notation.

1)  $(6 \times 10^5) \times (3.3 \times 10^3)$

2)  $(5.43 \times 10^{10}) \times (6.1 \times 10^4)$

3)  $(1.6 \times 10^3) \times (1.12 \times 10^9)$

4)  $(3 \times 10^3) \times (6.04 \times 10^8)$

5)  $(1.1 \times 10^5) \times (3.6 \times 10^7)$

6)  $(1.97 \times 10^7) \times (9.57 \times 10^7)$

7)  $(8.1 \times 10^5) \times (8.8 \times 10^9)$

8)  $(4.1 \times 10^{10}) \times (1.6 \times 10^{10})$

9)  $(8.14 \times 10^7) \times (6.58 \times 10^5)$

10)  $(3.48 \times 10^7) \times (1.24 \times 10^{10})$

**Answers**

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

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

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

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

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

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

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

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

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

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



Solve each problem. Answer in scientific notation.

1)  $(6 \times 10^5) \times (3.3 \times 10^3)$   
 $(6 \times 3.3) \times (10^5 \times 10^3)$   
 $19.8 \times 10^8$   
 $1.98 \times 10^9$

2)  $(5.43 \times 10^{10}) \times (6.1 \times 10^4)$   
 $(5.43 \times 6.1) \times (10^{10} \times 10^4)$   
 $33.123 \times 10^{14}$   
 $3.3123 \times 10^{15}$

3)  $(1.6 \times 10^3) \times (1.12 \times 10^9)$   
 $(1.6 \times 1.12) \times (10^3 \times 10^9)$   
 $1.792 \times 10^{12}$   
 $1.792 \times 10^{12}$

4)  $(3 \times 10^3) \times (6.04 \times 10^8)$   
 $(3 \times 6.04) \times (10^3 \times 10^8)$   
 $18.12 \times 10^{11}$   
 $1.812 \times 10^{12}$

5)  $(1.1 \times 10^5) \times (3.6 \times 10^7)$   
 $(1.1 \times 3.6) \times (10^5 \times 10^7)$   
 $3.96 \times 10^{12}$   
 $3.96 \times 10^{12}$

6)  $(1.97 \times 10^7) \times (9.57 \times 10^7)$   
 $(1.97 \times 9.57) \times (10^7 \times 10^7)$   
 $18.8529 \times 10^{14}$   
 $1.88529 \times 10^{15}$

7)  $(8.1 \times 10^5) \times (8.8 \times 10^9)$   
 $(8.1 \times 8.8) \times (10^5 \times 10^9)$   
 $71.28 \times 10^{14}$   
 $7.128 \times 10^{15}$

8)  $(4.1 \times 10^{10}) \times (1.6 \times 10^{10})$   
 $(4.1 \times 1.6) \times (10^{10} \times 10^{10})$   
 $6.56 \times 10^{20}$   
 $6.56 \times 10^{20}$

9)  $(8.14 \times 10^7) \times (6.58 \times 10^5)$   
 $(8.14 \times 6.58) \times (10^7 \times 10^5)$   
 $53.5612 \times 10^{12}$   
 $5.35612 \times 10^{13}$

10)  $(3.48 \times 10^7) \times (1.24 \times 10^{10})$   
 $(3.48 \times 1.24) \times (10^7 \times 10^{10})$   
 $4.3152 \times 10^{17}$   
 $4.3152 \times 10^{17}$

Answers

1.  $1.98 \times 10^9$

2.  $3.3123 \times 10^{15}$

3.  $1.792 \times 10^{12}$

4.  $1.812 \times 10^{12}$

5.  $3.96 \times 10^{12}$

6.  $1.88529 \times 10^{15}$

7.  $7.128 \times 10^{15}$

8.  $6.56 \times 10^{20}$

9.  $5.35612 \times 10^{13}$

10.  $4.3152 \times 10^{17}$