



Solve each problem. Answer in scientific notation.

**Answers**

1)  $(8.6 \times 10^5) \times (9.3 \times 10^3)$

2)  $(1.98 \times 10^8) \times (5.6 \times 10^8)$

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

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

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

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

3)  $(2.31 \times 10^7) \times (6.95 \times 10^3)$

4)  $(8.6 \times 10^{10}) \times (2.4 \times 10^8)$

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

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

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

5)  $(5.15 \times 10^5) \times (3.48 \times 10^{10})$

6)  $(6.31 \times 10^{10}) \times (6.1 \times 10^4)$

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

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

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

7)  $(1.3 \times 10^4) \times (7 \times 10^6)$

8)  $(3.94 \times 10^5) \times (3.64 \times 10^5)$

9)  $(5.2 \times 10^4) \times (2.9 \times 10^5)$

10)  $(5.59 \times 10^3) \times (7 \times 10^4)$



Solve each problem. Answer in scientific notation.

**Answers**

1)  $(8.6 \times 10^5) \times (9.3 \times 10^3)$

$(8.6 \times 9.3) \times (10^5 \times 10^3)$

$79.98 \times 10^8$

$7.998 \times 10^9$

2)  $(1.98 \times 10^8) \times (5.6 \times 10^8)$

$(1.98 \times 5.6) \times (10^8 \times 10^8)$

$11.088 \times 10^{16}$

$1.1088 \times 10^{17}$

1.  $7.998 \times 10^9$

2.  $1.1088 \times 10^{17}$

3.  $1.60545 \times 10^{11}$

4.  $2.064 \times 10^{19}$

5.  $1.7922 \times 10^{16}$

6.  $3.8491 \times 10^{15}$

7.  $9.1 \times 10^{10}$

8.  $1.43416 \times 10^{11}$

9.  $1.508 \times 10^{10}$

10.  $3.913 \times 10^8$

3)  $(2.31 \times 10^7) \times (6.95 \times 10^3)$

$(2.31 \times 6.95) \times (10^7 \times 10^3)$

$16.0545 \times 10^{10}$

$1.60545 \times 10^{11}$

4)  $(8.6 \times 10^{10}) \times (2.4 \times 10^8)$

$(8.6 \times 2.4) \times (10^{10} \times 10^8)$

$20.64 \times 10^{18}$

$2.064 \times 10^{19}$

5)  $(5.15 \times 10^5) \times (3.48 \times 10^{10})$

$(5.15 \times 3.48) \times (10^5 \times 10^{10})$

$17.922 \times 10^{15}$

$1.7922 \times 10^{16}$

6)  $(6.31 \times 10^{10}) \times (6.1 \times 10^4)$

$(6.31 \times 6.1) \times (10^{10} \times 10^4)$

$38.491 \times 10^{14}$

$3.8491 \times 10^{15}$

7)  $(1.3 \times 10^4) \times (7 \times 10^6)$

$(1.3 \times 7) \times (10^4 \times 10^6)$

$9.1 \times 10^{10}$

$9.1 \times 10^{10}$

8)  $(3.94 \times 10^5) \times (3.64 \times 10^5)$

$(3.94 \times 3.64) \times (10^5 \times 10^5)$

$14.3416 \times 10^{10}$

$1.43416 \times 10^{11}$

9)  $(5.2 \times 10^4) \times (2.9 \times 10^5)$

$(5.2 \times 2.9) \times (10^4 \times 10^5)$

$15.08 \times 10^9$

$1.508 \times 10^{10}$

10)  $(5.59 \times 10^3) \times (7 \times 10^4)$

$(5.59 \times 7) \times (10^3 \times 10^4)$

$39.13 \times 10^7$

$3.913 \times 10^8$