



Solve each problem. Answer in scientific notation.

1)  $(9.4 \times 10^3) \times (9.2 \times 10^6)$

2)  $(5.9 \times 10^3) \times (7.4 \times 10^5)$

3)  $(6.8 \times 10^5) \times (4.24 \times 10^3)$

4)  $(4.7 \times 10^8) \times (1.2 \times 10^3)$

5)  $(5.9 \times 10^3) \times (6.8 \times 10^5)$

6)  $(9.37 \times 10^9) \times (3.7 \times 10^4)$

7)  $(8.99 \times 10^6) \times (7.37 \times 10^5)$

8)  $(1.49 \times 10^6) \times (8.7 \times 10^6)$

9)  $(8.6 \times 10^6) \times (5.4 \times 10^7)$

10)  $(4.25 \times 10^6) \times (5.9 \times 10^8)$

**Answers**

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

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

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

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

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

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

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

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

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

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



Solve each problem. Answer in scientific notation.

1)  $(9.4 \times 10^3) \times (9.2 \times 10^6)$

$(9.4 \times 9.2) \times (10^3 \times 10^6)$

$86.48 \times 10^9$

$8.648 \times 10^{10}$

2)  $(5.9 \times 10^3) \times (7.4 \times 10^5)$

$(5.9 \times 7.4) \times (10^3 \times 10^5)$

$43.66 \times 10^8$

$4.366 \times 10^9$

3)  $(6.8 \times 10^5) \times (4.24 \times 10^3)$

$(6.8 \times 4.24) \times (10^5 \times 10^3)$

$28.832 \times 10^8$

$2.8832 \times 10^9$

4)  $(4.7 \times 10^8) \times (1.2 \times 10^3)$

$(4.7 \times 1.2) \times (10^8 \times 10^3)$

$5.64 \times 10^{11}$

$5.64 \times 10^{11}$

5)  $(5.9 \times 10^3) \times (6.8 \times 10^5)$

$(5.9 \times 6.8) \times (10^3 \times 10^5)$

$40.12 \times 10^8$

$4.012 \times 10^9$

6)  $(9.37 \times 10^9) \times (3.7 \times 10^4)$

$(9.37 \times 3.7) \times (10^9 \times 10^4)$

$34.669 \times 10^{13}$

$3.4669 \times 10^{14}$

7)  $(8.99 \times 10^6) \times (7.37 \times 10^5)$

$(8.99 \times 7.37) \times (10^6 \times 10^5)$

$66.2563 \times 10^{11}$

$6.62563 \times 10^{12}$

8)  $(1.49 \times 10^6) \times (8.7 \times 10^6)$

$(1.49 \times 8.7) \times (10^6 \times 10^6)$

$12.963 \times 10^{12}$

$1.2963 \times 10^{13}$

9)  $(8.6 \times 10^6) \times (5.4 \times 10^7)$

$(8.6 \times 5.4) \times (10^6 \times 10^7)$

$46.44 \times 10^{13}$

$4.644 \times 10^{14}$

10)  $(4.25 \times 10^6) \times (5.9 \times 10^8)$

$(4.25 \times 5.9) \times (10^6 \times 10^8)$

$25.075 \times 10^{14}$

$2.5075 \times 10^{15}$

**Answers**

1.  $8.648 \times 10^{10}$

2.  $4.366 \times 10^9$

3.  $2.8832 \times 10^9$

4.  $5.64 \times 10^{11}$

5.  $4.012 \times 10^9$

6.  $3.4669 \times 10^{14}$

7.  $6.62563 \times 10^{12}$

8.  $1.2963 \times 10^{13}$

9.  $4.644 \times 10^{14}$

10.  $2.5075 \times 10^{15}$