



Solve each problem. Answer in scientific notation.

1)  $(4.4 \times 10^6) \times (8.8 \times 10^6)$

2)  $(8.51 \times 10^3) \times (3.7 \times 10^7)$

3)  $(8.78 \times 10^7) \times (2.28 \times 10^6)$

4)  $(5.3 \times 10^6) \times (1.7 \times 10^6)$

5)  $(7.12 \times 10^8) \times (9.6 \times 10^{10})$

6)  $(3.3 \times 10^4) \times (8.3 \times 10^4)$

7)  $(9.8 \times 10^{10}) \times (2.1 \times 10^8)$

8)  $(6.1 \times 10^9) \times (6.5 \times 10^{10})$

9)  $(9.3 \times 10^8) \times (3.4 \times 10^7)$

10)  $(8.94 \times 10^9) \times (2.41 \times 10^7)$

**Answers**

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

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

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

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

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

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

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

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

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

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



Solve each problem. Answer in scientific notation.

1)  $(4.4 \times 10^6) \times (8.8 \times 10^6)$

$(4.4 \times 8.8) \times (10^6 \times 10^6)$

$38.72 \times 10^{12}$

$3.872 \times 10^{13}$

2)  $(8.51 \times 10^3) \times (3.7 \times 10^7)$

$(8.51 \times 3.7) \times (10^3 \times 10^7)$

$31.487 \times 10^{10}$

$3.1487 \times 10^{11}$

3)  $(8.78 \times 10^7) \times (2.28 \times 10^6)$

$(8.78 \times 2.28) \times (10^7 \times 10^6)$

$20.0184 \times 10^{13}$

$2.00184 \times 10^{14}$

4)  $(5.3 \times 10^6) \times (1.7 \times 10^6)$

$(5.3 \times 1.7) \times (10^6 \times 10^6)$

$9.01 \times 10^{12}$

$9.01 \times 10^{12}$

5)  $(7.12 \times 10^8) \times (9.6 \times 10^{10})$

$(7.12 \times 9.6) \times (10^8 \times 10^{10})$

$68.352 \times 10^{18}$

$6.8352 \times 10^{19}$

6)  $(3.3 \times 10^4) \times (8.3 \times 10^4)$

$(3.3 \times 8.3) \times (10^4 \times 10^4)$

$27.39 \times 10^8$

$2.739 \times 10^9$

7)  $(9.8 \times 10^{10}) \times (2.1 \times 10^8)$

$(9.8 \times 2.1) \times (10^{10} \times 10^8)$

$20.58 \times 10^{18}$

$2.058 \times 10^{19}$

8)  $(6.1 \times 10^9) \times (6.5 \times 10^{10})$

$(6.1 \times 6.5) \times (10^9 \times 10^{10})$

$39.65 \times 10^{19}$

$3.965 \times 10^{20}$

9)  $(9.3 \times 10^8) \times (3.4 \times 10^7)$

$(9.3 \times 3.4) \times (10^8 \times 10^7)$

$31.62 \times 10^{15}$

$3.162 \times 10^{16}$

10)  $(8.94 \times 10^9) \times (2.41 \times 10^7)$

$(8.94 \times 2.41) \times (10^9 \times 10^7)$

$21.5454 \times 10^{16}$

$2.15454 \times 10^{17}$

Answers

1.  $3.872 \times 10^{13}$

2.  $3.1487 \times 10^{11}$

3.  $2.00184 \times 10^{14}$

4.  $9.01 \times 10^{12}$

5.  $6.8352 \times 10^{19}$

6.  $2.739 \times 10^9$

7.  $2.058 \times 10^{19}$

8.  $3.965 \times 10^{20}$

9.  $3.162 \times 10^{16}$

10.  $2.15454 \times 10^{17}$