



Solve each problem. Answer in scientific notation.

1)  $(5.9 \times 10^8) \times (5.88 \times 10^9)$

2)  $(9.3 \times 10^7) \times (8.3 \times 10^3)$

3)  $(6.2 \times 10^5) \times (9.7 \times 10^7)$

4)  $(5.9 \times 10^9) \times (6 \times 10^{10})$

5)  $(6.56 \times 10^5) \times (8.96 \times 10^{10})$

6)  $(9.04 \times 10^8) \times (5.9 \times 10^4)$

7)  $(1.6 \times 10^5) \times (1.1 \times 10^5)$

8)  $(9.09 \times 10^9) \times (8.54 \times 10^6)$

9)  $(2.6 \times 10^3) \times (7.2 \times 10^8)$

10)  $(9.4 \times 10^6) \times (2.9 \times 10^7)$

**Answers**

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

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

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

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

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

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

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

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

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

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



Solve each problem. Answer in scientific notation.

1)  $(5.9 \times 10^8) \times (5.88 \times 10^9)$

$(5.9 \times 5.88) \times (10^8 \times 10^9)$

$34.692 \times 10^{17}$

$3.4692 \times 10^{18}$

2)  $(9.3 \times 10^7) \times (8.3 \times 10^3)$

$(9.3 \times 8.3) \times (10^7 \times 10^3)$

$77.19 \times 10^{10}$

$7.719 \times 10^{11}$

3)  $(6.2 \times 10^5) \times (9.7 \times 10^7)$

$(6.2 \times 9.7) \times (10^5 \times 10^7)$

$60.14 \times 10^{12}$

$6.014 \times 10^{13}$

4)  $(5.9 \times 10^9) \times (6 \times 10^{10})$

$(5.9 \times 6) \times (10^9 \times 10^{10})$

$35.4 \times 10^{19}$

$3.54 \times 10^{20}$

5)  $(6.56 \times 10^5) \times (8.96 \times 10^{10})$

$(6.56 \times 8.96) \times (10^5 \times 10^{10})$

$58.7776 \times 10^{15}$

$5.87776 \times 10^{16}$

6)  $(9.04 \times 10^8) \times (5.9 \times 10^4)$

$(9.04 \times 5.9) \times (10^8 \times 10^4)$

$53.336 \times 10^{12}$

$5.3336 \times 10^{13}$

7)  $(1.6 \times 10^5) \times (1.1 \times 10^5)$

$(1.6 \times 1.1) \times (10^5 \times 10^5)$

$1.76 \times 10^{10}$

$1.76 \times 10^{10}$

8)  $(9.09 \times 10^9) \times (8.54 \times 10^6)$

$(9.09 \times 8.54) \times (10^9 \times 10^6)$

$77.6286 \times 10^{15}$

$7.76286 \times 10^{16}$

9)  $(2.6 \times 10^3) \times (7.2 \times 10^8)$

$(2.6 \times 7.2) \times (10^3 \times 10^8)$

$18.72 \times 10^{11}$

$1.872 \times 10^{12}$

10)  $(9.4 \times 10^6) \times (2.9 \times 10^7)$

$(9.4 \times 2.9) \times (10^6 \times 10^7)$

$27.26 \times 10^{13}$

$2.726 \times 10^{14}$

Answers

1.  $3.4692 \times 10^{18}$

2.  $7.719 \times 10^{11}$

3.  $6.014 \times 10^{13}$

4.  $3.54 \times 10^{20}$

5.  $5.87776 \times 10^{16}$

6.  $5.3336 \times 10^{13}$

7.  $1.76 \times 10^{10}$

8.  $7.76286 \times 10^{16}$

9.  $1.872 \times 10^{12}$

10.  $2.726 \times 10^{14}$