



Solve each problem. Answer in scientific notation.

1)  $(1.3 \times 10^5) \times (5 \times 10^3)$

2)  $(4.5 \times 10^3) \times (4.5 \times 10^6)$

3)  $(3.32 \times 10^4) \times (8.93 \times 10^8)$

4)  $(9.3 \times 10^9) \times (6 \times 10^{10})$

5)  $(3.21 \times 10^8) \times (8.9 \times 10^{10})$

6)  $(9.6 \times 10^{10}) \times (5.9 \times 10^4)$

7)  $(5.1 \times 10^5) \times (8.2 \times 10^9)$

8)  $(5.59 \times 10^5) \times (6.17 \times 10^4)$

9)  $(1.8 \times 10^8) \times (5.3 \times 10^6)$

10)  $(8 \times 10^9) \times (9.3 \times 10^5)$

**Answers**

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

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

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

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

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

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

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

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

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

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



Solve each problem. Answer in scientific notation.

1)  $(1.3 \times 10^5) \times (5 \times 10^3)$

$(1.3 \times 5) \times (10^5 \times 10^3)$

$6.5 \times 10^8$

$6.5 \times 10^8$

2)  $(4.5 \times 10^3) \times (4.5 \times 10^6)$

$(4.5 \times 4.5) \times (10^3 \times 10^6)$

$20.25 \times 10^9$

$2.025 \times 10^{10}$

3)  $(3.32 \times 10^4) \times (8.93 \times 10^8)$

$(3.32 \times 8.93) \times (10^4 \times 10^8)$

$29.6476 \times 10^{12}$

$2.96476 \times 10^{13}$

4)  $(9.3 \times 10^9) \times (6 \times 10^{10})$

$(9.3 \times 6) \times (10^9 \times 10^{10})$

$55.8 \times 10^{19}$

$5.58 \times 10^{20}$

5)  $(3.21 \times 10^8) \times (8.9 \times 10^{10})$

$(3.21 \times 8.9) \times (10^8 \times 10^{10})$

$28.569 \times 10^{18}$

$2.8569 \times 10^{19}$

6)  $(9.6 \times 10^{10}) \times (5.9 \times 10^4)$

$(9.6 \times 5.9) \times (10^{10} \times 10^4)$

$56.64 \times 10^{14}$

$5.664 \times 10^{15}$

7)  $(5.1 \times 10^5) \times (8.2 \times 10^9)$

$(5.1 \times 8.2) \times (10^5 \times 10^9)$

$41.82 \times 10^{14}$

$4.182 \times 10^{15}$

8)  $(5.59 \times 10^5) \times (6.17 \times 10^4)$

$(5.59 \times 6.17) \times (10^5 \times 10^4)$

$34.4903 \times 10^9$

$3.44903 \times 10^{10}$

9)  $(1.8 \times 10^8) \times (5.3 \times 10^6)$

$(1.8 \times 5.3) \times (10^8 \times 10^6)$

$9.54 \times 10^{14}$

$9.54 \times 10^{14}$

10)  $(8 \times 10^9) \times (9.3 \times 10^5)$

$(8 \times 9.3) \times (10^9 \times 10^5)$

$74.4 \times 10^{14}$

$7.44 \times 10^{15}$

Answers

1.  $6.5 \times 10^8$

2.  $2.025 \times 10^{10}$

3.  $2.96476 \times 10^{13}$

4.  $5.58 \times 10^{20}$

5.  $2.8569 \times 10^{19}$

6.  $5.664 \times 10^{15}$

7.  $4.182 \times 10^{15}$

8.  $3.44903 \times 10^{10}$

9.  $9.54 \times 10^{14}$

10.  $7.44 \times 10^{15}$