



Solve each problem. Answer in scientific notation.

Answers

1) $(6.35 \times 10^3) \times (2.57 \times 10^6)$

2) $(4.4 \times 10^6) \times (8.43 \times 10^{10})$

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

3) $(4 \times 10^{10}) \times (1 \times 10^7)$

4) $(9.8 \times 10^7) \times (8.98 \times 10^{10})$

5) $(9.48 \times 10^8) \times (5.81 \times 10^5)$

6) $(6.1 \times 10^9) \times (7.1 \times 10^7)$

7) $(7.4 \times 10^7) \times (1.7 \times 10^6)$

8) $(1 \times 10^5) \times (1.6 \times 10^4)$

9) $(3.3 \times 10^7) \times (9.47 \times 10^7)$

10) $(5.13 \times 10^3) \times (3.02 \times 10^8)$



Solve each problem. Answer in scientific notation.

Answers

1) $(6.35 \times 10^3) \times (2.57 \times 10^6)$

$(6.35 \times 2.57) \times (10^3 \times 10^6)$

16.3195×10^9

1.63195×10^{10}

2) $(4.4 \times 10^6) \times (8.43 \times 10^{10})$

$(4.4 \times 8.43) \times (10^6 \times 10^{10})$

37.092×10^{16}

3.7092×10^{17}

1. 1.63195×10^{10}

2. 3.7092×10^{17}

3. 4×10^{17}

4. 8.8004×10^{18}

5. 5.50788×10^{14}

6. 4.331×10^{17}

7. 1.258×10^{14}

8. 1.6×10^9

9. 3.1251×10^{15}

10. 1.54926×10^{12}

3) $(4 \times 10^{10}) \times (1 \times 10^7)$

$(4 \times 1) \times (10^{10} \times 10^7)$

4×10^{17}

4×10^{17}

4) $(9.8 \times 10^7) \times (8.98 \times 10^{10})$

$(9.8 \times 8.98) \times (10^7 \times 10^{10})$

88.004×10^{17}

8.8004×10^{18}

5) $(9.48 \times 10^8) \times (5.81 \times 10^5)$

$(9.48 \times 5.81) \times (10^8 \times 10^5)$

55.0788×10^{13}

5.50788×10^{14}

6) $(6.1 \times 10^9) \times (7.1 \times 10^7)$

$(6.1 \times 7.1) \times (10^9 \times 10^7)$

43.31×10^{16}

4.331×10^{17}

7) $(7.4 \times 10^7) \times (1.7 \times 10^6)$

$(7.4 \times 1.7) \times (10^7 \times 10^6)$

12.58×10^{13}

1.258×10^{14}

8) $(1 \times 10^5) \times (1.6 \times 10^4)$

$(1 \times 1.6) \times (10^5 \times 10^4)$

1.6×10^9

1.6×10^9

9) $(3.3 \times 10^7) \times (9.47 \times 10^7)$

$(3.3 \times 9.47) \times (10^7 \times 10^7)$

31.251×10^{14}

3.1251×10^{15}

10) $(5.13 \times 10^3) \times (3.02 \times 10^8)$

$(5.13 \times 3.02) \times (10^3 \times 10^8)$

15.4926×10^{11}

1.54926×10^{12}