



Solve each problem. Answer in scientific notation.

Answers

1) $(4.86 \times 10^4) \times (8.98 \times 10^9)$

2) $(4.9 \times 10^6) \times (8.7 \times 10^4)$

1. _____

2. _____

3. _____

4. _____

3) $(6.38 \times 10^3) \times (3.62 \times 10^4)$

4) $(9.98 \times 10^8) \times (7.77 \times 10^{10})$

5. _____

6. _____

7. _____

5) $(8.7 \times 10^4) \times (6.2 \times 10^6)$

6) $(7.8 \times 10^7) \times (2.7 \times 10^8)$

8. _____

9. _____

10. _____

7) $(5.74 \times 10^9) \times (6.89 \times 10^7)$

8) $(1.04 \times 10^7) \times (7.44 \times 10^{10})$

9) $(3.6 \times 10^9) \times (9.7 \times 10^6)$

10) $(4.2 \times 10^5) \times (8.5 \times 10^5)$



Solve each problem. Answer in scientific notation.

Answers

1) $(4.86 \times 10^4) \times (8.98 \times 10^9)$

$(4.86 \times 8.98) \times (10^4 \times 10^9)$

43.6428×10^{13}

4.36428×10^{14}

2) $(4.9 \times 10^6) \times (8.7 \times 10^4)$

$(4.9 \times 8.7) \times (10^6 \times 10^4)$

42.63×10^{10}

4.263×10^{11}

3) $(6.38 \times 10^3) \times (3.62 \times 10^4)$

$(6.38 \times 3.62) \times (10^3 \times 10^4)$

23.0956×10^7

2.30956×10^8

4) $(9.98 \times 10^8) \times (7.77 \times 10^{10})$

$(9.98 \times 7.77) \times (10^8 \times 10^{10})$

77.5446×10^{18}

7.75446×10^{19}

5) $(8.7 \times 10^4) \times (6.2 \times 10^6)$

$(8.7 \times 6.2) \times (10^4 \times 10^6)$

53.94×10^{10}

5.394×10^{11}

6) $(7.8 \times 10^7) \times (2.7 \times 10^8)$

$(7.8 \times 2.7) \times (10^7 \times 10^8)$

21.06×10^{15}

2.106×10^{16}

7) $(5.74 \times 10^9) \times (6.89 \times 10^7)$

$(5.74 \times 6.89) \times (10^9 \times 10^7)$

39.5486×10^{16}

3.95486×10^{17}

8) $(1.04 \times 10^7) \times (7.44 \times 10^{10})$

$(1.04 \times 7.44) \times (10^7 \times 10^{10})$

7.7376×10^{17}

7.7376×10^{17}

9) $(3.6 \times 10^9) \times (9.7 \times 10^6)$

$(3.6 \times 9.7) \times (10^9 \times 10^6)$

34.92×10^{15}

3.492×10^{16}

10) $(4.2 \times 10^5) \times (8.5 \times 10^5)$

$(4.2 \times 8.5) \times (10^5 \times 10^5)$

35.7×10^{10}

3.57×10^{11}

1. 4.36428×10^{14}

2. 4.263×10^{11}

3. 2.30956×10^8

4. 7.75446×10^{19}

5. 5.394×10^{11}

6. 2.106×10^{16}

7. 3.95486×10^{17}

8. 7.7376×10^{17}

9. 3.492×10^{16}

10. 3.57×10^{11}