



Solve each problem. Answer in scientific notation.

1) $(9.6 \times 10^7) \times (4.3 \times 10^4)$

2) $(8.7 \times 10^4) \times (2.4 \times 10^9)$

3) $(1 \times 10^4) \times (1.6 \times 10^9)$

4) $(1 \times 10^3) \times (7.7 \times 10^9)$

5) $(9.04 \times 10^{10}) \times (5.74 \times 10^9)$

6) $(3.51 \times 10^8) \times (4.9 \times 10^3)$

7) $(9.05 \times 10^6) \times (4.62 \times 10^3)$

8) $(9.4 \times 10^9) \times (2.6 \times 10^4)$

9) $(5.4 \times 10^5) \times (1.5 \times 10^3)$

10) $(8.52 \times 10^9) \times (4.47 \times 10^9)$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____



Solve each problem. Answer in scientific notation.

1) $(9.6 \times 10^7) \times (4.3 \times 10^4)$
 $(9.6 \times 4.3) \times (10^7 \times 10^4)$
 41.28×10^{11}
 4.128×10^{12}

2) $(8.7 \times 10^4) \times (2.4 \times 10^9)$
 $(8.7 \times 2.4) \times (10^4 \times 10^9)$
 20.88×10^{13}
 2.088×10^{14}

3) $(1 \times 10^4) \times (1.6 \times 10^9)$
 $(1 \times 1.6) \times (10^4 \times 10^9)$
 1.6×10^{13}
 1.6×10^{13}

4) $(1 \times 10^3) \times (7.7 \times 10^9)$
 $(1 \times 7.7) \times (10^3 \times 10^9)$
 7.7×10^{12}
 7.7×10^{12}

5) $(9.04 \times 10^{10}) \times (5.74 \times 10^9)$
 $(9.04 \times 5.74) \times (10^{10} \times 10^9)$
 51.8896×10^{19}
 5.18896×10^{20}

6) $(3.51 \times 10^8) \times (4.9 \times 10^3)$
 $(3.51 \times 4.9) \times (10^8 \times 10^3)$
 17.199×10^{11}
 1.7199×10^{12}

7) $(9.05 \times 10^6) \times (4.62 \times 10^3)$
 $(9.05 \times 4.62) \times (10^6 \times 10^3)$
 41.811×10^9
 4.1811×10^{10}

8) $(9.4 \times 10^9) \times (2.6 \times 10^4)$
 $(9.4 \times 2.6) \times (10^9 \times 10^4)$
 24.44×10^{13}
 2.444×10^{14}

9) $(5.4 \times 10^5) \times (1.5 \times 10^3)$
 $(5.4 \times 1.5) \times (10^5 \times 10^3)$
 8.1×10^8
 8.1×10^8

10) $(8.52 \times 10^9) \times (4.47 \times 10^9)$
 $(8.52 \times 4.47) \times (10^9 \times 10^9)$
 38.0844×10^{18}
 3.80844×10^{19}

Answers

1. 4.128×10^{12}

2. 2.088×10^{14}

3. 1.6×10^{13}

4. 7.7×10^{12}

5. 5.18896×10^{20}

6. 1.7199×10^{12}

7. 4.1811×10^{10}

8. 2.444×10^{14}

9. 8.1×10^8

10. 3.80844×10^{19}