



Solve each problem. Answer in scientific notation.

1) $(4.5 \times 10^9) \times (7.3 \times 10^8)$

2) $(1 \times 10^4) \times (4 \times 10^4)$

3) $(6.84 \times 10^3) \times (2.99 \times 10^4)$

4) $(8.4 \times 10^9) \times (8.51 \times 10^3)$

5) $(5.74 \times 10^8) \times (5.73 \times 10^7)$

6) $(6.26 \times 10^4) \times (4.57 \times 10^6)$

7) $(9.8 \times 10^9) \times (1.9 \times 10^4)$

8) $(9.9 \times 10^9) \times (1.1 \times 10^5)$

9) $(8.58 \times 10^6) \times (4.38 \times 10^7)$

10) $(6.55 \times 10^{10}) \times (1.97 \times 10^9)$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____



Solve each problem. Answer in scientific notation.

1) $(4.5 \times 10^9) \times (7.3 \times 10^8)$

$(4.5 \times 7.3) \times (10^9 \times 10^8)$

32.85×10^{17}

3.285×10^{18}

2) $(1 \times 10^4) \times (4 \times 10^4)$

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

4×10^8

4×10^8

3) $(6.84 \times 10^3) \times (2.99 \times 10^4)$

$(6.84 \times 2.99) \times (10^3 \times 10^4)$

20.4516×10^7

2.04516×10^8

4) $(8.4 \times 10^9) \times (8.51 \times 10^3)$

$(8.4 \times 8.51) \times (10^9 \times 10^3)$

71.484×10^{12}

7.1484×10^{13}

5) $(5.74 \times 10^8) \times (5.73 \times 10^7)$

$(5.74 \times 5.73) \times (10^8 \times 10^7)$

32.8902×10^{15}

3.28902×10^{16}

6) $(6.26 \times 10^4) \times (4.57 \times 10^6)$

$(6.26 \times 4.57) \times (10^4 \times 10^6)$

28.6082×10^{10}

2.86082×10^{11}

7) $(9.8 \times 10^9) \times (1.9 \times 10^4)$

$(9.8 \times 1.9) \times (10^9 \times 10^4)$

18.62×10^{13}

1.862×10^{14}

8) $(9.9 \times 10^9) \times (1.1 \times 10^5)$

$(9.9 \times 1.1) \times (10^9 \times 10^5)$

10.89×10^{14}

1.089×10^{15}

9) $(8.58 \times 10^6) \times (4.38 \times 10^7)$

$(8.58 \times 4.38) \times (10^6 \times 10^7)$

37.5804×10^{13}

3.75804×10^{14}

10) $(6.55 \times 10^{10}) \times (1.97 \times 10^9)$

$(6.55 \times 1.97) \times (10^{10} \times 10^9)$

12.9035×10^{19}

1.29035×10^{20}

Answers

1. 3.285×10^{18}

2. 4×10^8

3. 2.04516×10^8

4. 7.1484×10^{13}

5. 3.28902×10^{16}

6. 2.86082×10^{11}

7. 1.862×10^{14}

8. 1.089×10^{15}

9. 3.75804×10^{14}

10. 1.29035×10^{20}