



Solve each problem. Answer in scientific notation.

1) $(4.56 \times 10^4) \times (9.6 \times 10^5)$

2) $(1.73 \times 10^4) \times (6.55 \times 10^4)$

3) $(9.7 \times 10^9) \times (3.3 \times 10^6)$

4) $(9.5 \times 10^{10}) \times (8.8 \times 10^3)$

5) $(1.3 \times 10^3) \times (5.1 \times 10^9)$

6) $(6.09 \times 10^{10}) \times (6.7 \times 10^7)$

7) $(5.21 \times 10^7) \times (7.07 \times 10^8)$

8) $(1.91 \times 10^7) \times (8.71 \times 10^5)$

9) $(5.5 \times 10^7) \times (1.6 \times 10^6)$

10) $(5.9 \times 10^9) \times (3.27 \times 10^7)$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____



Solve each problem. Answer in scientific notation.

1) $(4.56 \times 10^4) \times (9.6 \times 10^5)$
 $(4.56 \times 9.6) \times (10^4 \times 10^5)$
 43.776×10^9
 4.3776×10^{10}

2) $(1.73 \times 10^4) \times (6.55 \times 10^4)$
 $(1.73 \times 6.55) \times (10^4 \times 10^4)$
 11.3315×10^8
 1.13315×10^9

3) $(9.7 \times 10^9) \times (3.3 \times 10^6)$
 $(9.7 \times 3.3) \times (10^9 \times 10^6)$
 32.01×10^{15}
 3.201×10^{16}

4) $(9.5 \times 10^{10}) \times (8.8 \times 10^3)$
 $(9.5 \times 8.8) \times (10^{10} \times 10^3)$
 83.6×10^{13}
 8.36×10^{14}

5) $(1.3 \times 10^3) \times (5.1 \times 10^9)$
 $(1.3 \times 5.1) \times (10^3 \times 10^9)$
 6.63×10^{12}
 6.63×10^{12}

6) $(6.09 \times 10^{10}) \times (6.7 \times 10^7)$
 $(6.09 \times 6.7) \times (10^{10} \times 10^7)$
 40.803×10^{17}
 4.0803×10^{18}

7) $(5.21 \times 10^7) \times (7.07 \times 10^8)$
 $(5.21 \times 7.07) \times (10^7 \times 10^8)$
 36.8347×10^{15}
 3.68347×10^{16}

8) $(1.91 \times 10^7) \times (8.71 \times 10^5)$
 $(1.91 \times 8.71) \times (10^7 \times 10^5)$
 16.6361×10^{12}
 1.66361×10^{13}

9) $(5.5 \times 10^7) \times (1.6 \times 10^6)$
 $(5.5 \times 1.6) \times (10^7 \times 10^6)$
 8.8×10^{13}
 8.8×10^{13}

10) $(5.9 \times 10^9) \times (3.27 \times 10^7)$
 $(5.9 \times 3.27) \times (10^9 \times 10^7)$
 19.293×10^{16}
 1.9293×10^{17}

Answers

1. 4.3776×10^{10}

2. 1.13315×10^9

3. 3.201×10^{16}

4. 8.36×10^{14}

5. 6.63×10^{12}

6. 4.0803×10^{18}

7. 3.68347×10^{16}

8. 1.66361×10^{13}

9. 8.8×10^{13}

10. 1.9293×10^{17}