



Solve each problem. Answer in scientific notation.

1) $(5.5 \times 10^5) \times (2.2 \times 10^5)$

2) $(6.03 \times 10^3) \times (7.66 \times 10^6)$

3) $(3.31 \times 10^9) \times (8.44 \times 10^7)$

4) $(2.7 \times 10^5) \times (4.66 \times 10^{10})$

5) $(8.2 \times 10^7) \times (3.8 \times 10^7)$

6) $(1 \times 10^7) \times (5.3 \times 10^4)$

7) $(4.27 \times 10^5) \times (8.82 \times 10^{10})$

8) $(3.27 \times 10^4) \times (5.54 \times 10^8)$

9) $(5.4 \times 10^9) \times (6.1 \times 10^7)$

10) $(1.8 \times 10^8) \times (4.4 \times 10^7)$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____



Solve each problem. Answer in scientific notation.

1) $(5.5 \times 10^5) \times (2.2 \times 10^5)$
 $(5.5 \times 2.2) \times (10^5 \times 10^5)$
 12.1×10^{10}
 1.21×10^{11}

2) $(6.03 \times 10^3) \times (7.66 \times 10^6)$
 $(6.03 \times 7.66) \times (10^3 \times 10^6)$
 46.1898×10^9
 4.61898×10^{10}

3) $(3.31 \times 10^9) \times (8.44 \times 10^7)$
 $(3.31 \times 8.44) \times (10^9 \times 10^7)$
 27.9364×10^{16}
 2.79364×10^{17}

4) $(2.7 \times 10^5) \times (4.66 \times 10^{10})$
 $(2.7 \times 4.66) \times (10^5 \times 10^{10})$
 12.582×10^{15}
 1.2582×10^{16}

5) $(8.2 \times 10^7) \times (3.8 \times 10^7)$
 $(8.2 \times 3.8) \times (10^7 \times 10^7)$
 31.16×10^{14}
 3.116×10^{15}

6) $(1 \times 10^7) \times (5.3 \times 10^4)$
 $(1 \times 5.3) \times (10^7 \times 10^4)$
 5.3×10^{11}
 5.3×10^{11}

7) $(4.27 \times 10^5) \times (8.82 \times 10^{10})$
 $(4.27 \times 8.82) \times (10^5 \times 10^{10})$
 37.6614×10^{15}
 3.76614×10^{16}

8) $(3.27 \times 10^4) \times (5.54 \times 10^8)$
 $(3.27 \times 5.54) \times (10^4 \times 10^8)$
 18.1158×10^{12}
 1.81158×10^{13}

9) $(5.4 \times 10^9) \times (6.1 \times 10^7)$
 $(5.4 \times 6.1) \times (10^9 \times 10^7)$
 32.94×10^{16}
 3.294×10^{17}

10) $(1.8 \times 10^8) \times (4.4 \times 10^7)$
 $(1.8 \times 4.4) \times (10^8 \times 10^7)$
 7.92×10^{15}
 7.92×10^{15}

Answers

1. 1.21×10^{11}
2. 4.61898×10^{10}
3. 2.79364×10^{17}
4. 1.2582×10^{16}
5. 3.116×10^{15}
6. 5.3×10^{11}
7. 3.76614×10^{16}
8. 1.81158×10^{13}
9. 3.294×10^{17}
10. 7.92×10^{15}