



Solve each problem. Answer in scientific notation.

1) $(5.23 \times 10^7) \times (1.28 \times 10^{10})$

2) $(2.8 \times 10^8) \times (5.39 \times 10^7)$

3) $(2.6 \times 10^3) \times (1.9 \times 10^4)$

4) $(4.9 \times 10^8) \times (2.4 \times 10^9)$

5) $(4.47 \times 10^3) \times (3.64 \times 10^{10})$

6) $(7.52 \times 10^{10}) \times (8.3 \times 10^6)$

7) $(1.7 \times 10^{10}) \times (9.2 \times 10^9)$

8) $(6.06 \times 10^{10}) \times (8.46 \times 10^6)$

9) $(6.6 \times 10^6) \times (1.8 \times 10^{10})$

10) $(3.6 \times 10^3) \times (7.1 \times 10^{10})$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____



Solve each problem. Answer in scientific notation.

1) $(5.23 \times 10^7) \times (1.28 \times 10^{10})$
 $(5.23 \times 1.28) \times (10^7 \times 10^{10})$
 6.6944×10^{17}
 6.6944×10^{17}

2) $(2.8 \times 10^8) \times (5.39 \times 10^7)$
 $(2.8 \times 5.39) \times (10^8 \times 10^7)$
 15.092×10^{15}
 1.5092×10^{16}

3) $(2.6 \times 10^3) \times (1.9 \times 10^4)$
 $(2.6 \times 1.9) \times (10^3 \times 10^4)$
 4.94×10^7
 4.94×10^7

4) $(4.9 \times 10^8) \times (2.4 \times 10^9)$
 $(4.9 \times 2.4) \times (10^8 \times 10^9)$
 11.76×10^{17}
 1.176×10^{18}

5) $(4.47 \times 10^3) \times (3.64 \times 10^{10})$
 $(4.47 \times 3.64) \times (10^3 \times 10^{10})$
 16.2708×10^{13}
 1.62708×10^{14}

6) $(7.52 \times 10^{10}) \times (8.3 \times 10^6)$
 $(7.52 \times 8.3) \times (10^{10} \times 10^6)$
 62.416×10^{16}
 6.2416×10^{17}

7) $(1.7 \times 10^{10}) \times (9.2 \times 10^9)$
 $(1.7 \times 9.2) \times (10^{10} \times 10^9)$
 15.64×10^{19}
 1.564×10^{20}

8) $(6.06 \times 10^{10}) \times (8.46 \times 10^6)$
 $(6.06 \times 8.46) \times (10^{10} \times 10^6)$
 51.2676×10^{16}
 5.12676×10^{17}

9) $(6.6 \times 10^6) \times (1.8 \times 10^{10})$
 $(6.6 \times 1.8) \times (10^6 \times 10^{10})$
 11.88×10^{16}
 1.188×10^{17}

10) $(3.6 \times 10^3) \times (7.1 \times 10^{10})$
 $(3.6 \times 7.1) \times (10^3 \times 10^{10})$
 25.56×10^{13}
 2.556×10^{14}

Answers

1. 6.6944×10^{17}
2. 1.5092×10^{16}
3. 4.94×10^7
4. 1.176×10^{18}
5. 1.62708×10^{14}
6. 6.2416×10^{17}
7. 1.564×10^{20}
8. 5.12676×10^{17}
9. 1.188×10^{17}
10. 2.556×10^{14}