



Solve each problem. Answer in scientific notation.

1) $(7.3 \times 10^7) \times (6.1 \times 10^6)$

2) $(1.9 \times 10^{10}) \times (3.6 \times 10^{10})$

3) $(1.2 \times 10^{10}) \times (9.3 \times 10^6)$

4) $(2.32 \times 10^4) \times (5.27 \times 10^3)$

5) $(5.4 \times 10^7) \times (5.5 \times 10^3)$

6) $(2.8 \times 10^7) \times (2.91 \times 10^8)$

7) $(8.02 \times 10^5) \times (3.92 \times 10^9)$

8) $(7.62 \times 10^3) \times (8.89 \times 10^3)$

9) $(9 \times 10^3) \times (6.3 \times 10^9)$

10) $(6.7 \times 10^3) \times (1 \times 10^5)$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____



Solve each problem. Answer in scientific notation.

1) $(7.3 \times 10^7) \times (6.1 \times 10^6)$
 $(7.3 \times 6.1) \times (10^7 \times 10^6)$
 44.53×10^{13}
 4.453×10^{14}

2) $(1.9 \times 10^{10}) \times (3.6 \times 10^{10})$
 $(1.9 \times 3.6) \times (10^{10} \times 10^{10})$
 6.84×10^{20}
 6.84×10^{20}

3) $(1.2 \times 10^{10}) \times (9.3 \times 10^6)$
 $(1.2 \times 9.3) \times (10^{10} \times 10^6)$
 11.16×10^{16}
 1.116×10^{17}

4) $(2.32 \times 10^4) \times (5.27 \times 10^3)$
 $(2.32 \times 5.27) \times (10^4 \times 10^3)$
 12.2264×10^7
 1.22264×10^8

5) $(5.4 \times 10^7) \times (5.5 \times 10^3)$
 $(5.4 \times 5.5) \times (10^7 \times 10^3)$
 29.7×10^{10}
 2.97×10^{11}

6) $(2.8 \times 10^7) \times (2.91 \times 10^8)$
 $(2.8 \times 2.91) \times (10^7 \times 10^8)$
 8.148×10^{15}
 8.148×10^{15}

7) $(8.02 \times 10^5) \times (3.92 \times 10^9)$
 $(8.02 \times 3.92) \times (10^5 \times 10^9)$
 31.4384×10^{14}
 3.14384×10^{15}

8) $(7.62 \times 10^3) \times (8.89 \times 10^3)$
 $(7.62 \times 8.89) \times (10^3 \times 10^3)$
 67.7418×10^6
 6.77418×10^7

9) $(9 \times 10^3) \times (6.3 \times 10^9)$
 $(9 \times 6.3) \times (10^3 \times 10^9)$
 56.7×10^{12}
 5.67×10^{13}

10) $(6.7 \times 10^3) \times (1 \times 10^5)$
 $(6.7 \times 1) \times (10^3 \times 10^5)$
 6.7×10^8
 6.7×10^8

Answers

1. 4.453×10^{14}
2. 6.84×10^{20}
3. 1.116×10^{17}
4. 1.22264×10^8
5. 2.97×10^{11}
6. 8.148×10^{15}
7. 3.14384×10^{15}
8. 6.77418×10^7
9. 5.67×10^{13}
10. 6.7×10^8