



Solve each problem. Answer in scientific notation.

1) $(3.24 \times 10^7) \times (3.25 \times 10^7)$

2) $(2.11 \times 10^3) \times (6.82 \times 10^4)$

3) $(3.8 \times 10^3) \times (2.7 \times 10^5)$

4) $(8.3 \times 10^8) \times (9.9 \times 10^8)$

5) $(5.3 \times 10^{10}) \times (3 \times 10^5)$

6) $(1.9 \times 10^4) \times (8.2 \times 10^3)$

7) $(9.3 \times 10^3) \times (8.7 \times 10^9)$

8) $(5.76 \times 10^8) \times (5.54 \times 10^5)$

9) $(9.4 \times 10^9) \times (5.1 \times 10^8)$

10) $(4.8 \times 10^5) \times (8.04 \times 10^8)$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____



Solve each problem. Answer in scientific notation.

1) $(3.24 \times 10^7) \times (3.25 \times 10^7)$
 $(3.24 \times 3.25) \times (10^7 \times 10^7)$
 10.53×10^{14}
 1.053×10^{15}

2) $(2.11 \times 10^3) \times (6.82 \times 10^4)$
 $(2.11 \times 6.82) \times (10^3 \times 10^4)$
 14.3902×10^7
 1.43902×10^8

3) $(3.8 \times 10^3) \times (2.7 \times 10^5)$
 $(3.8 \times 2.7) \times (10^3 \times 10^5)$
 10.26×10^8
 1.026×10^9

4) $(8.3 \times 10^8) \times (9.9 \times 10^8)$
 $(8.3 \times 9.9) \times (10^8 \times 10^8)$
 82.17×10^{16}
 8.217×10^{17}

5) $(5.3 \times 10^{10}) \times (3 \times 10^5)$
 $(5.3 \times 3) \times (10^{10} \times 10^5)$
 15.9×10^{15}
 1.59×10^{16}

6) $(1.9 \times 10^4) \times (8.2 \times 10^3)$
 $(1.9 \times 8.2) \times (10^4 \times 10^3)$
 15.58×10^7
 1.558×10^8

7) $(9.3 \times 10^3) \times (8.7 \times 10^9)$
 $(9.3 \times 8.7) \times (10^3 \times 10^9)$
 80.91×10^{12}
 8.091×10^{13}

8) $(5.76 \times 10^8) \times (5.54 \times 10^5)$
 $(5.76 \times 5.54) \times (10^8 \times 10^5)$
 31.9104×10^{13}
 3.19104×10^{14}

9) $(9.4 \times 10^9) \times (5.1 \times 10^8)$
 $(9.4 \times 5.1) \times (10^9 \times 10^8)$
 47.94×10^{17}
 4.794×10^{18}

10) $(4.8 \times 10^5) \times (8.04 \times 10^8)$
 $(4.8 \times 8.04) \times (10^5 \times 10^8)$
 38.592×10^{13}
 3.8592×10^{14}

Answers

1. 1.053×10^{15}
2. 1.43902×10^8
3. 1.026×10^9
4. 8.217×10^{17}
5. 1.59×10^{16}
6. 1.558×10^8
7. 8.091×10^{13}
8. 3.19104×10^{14}
9. 4.794×10^{18}
10. 3.8592×10^{14}