



Solve each problem. Answer in scientific notation.

1) $(4.49 \times 10^{10}) \times (1.81 \times 10^{10})$

2) $(1.83 \times 10^{10}) \times (3.9 \times 10^{10})$

3) $(8.44 \times 10^{10}) \times (8.99 \times 10^8)$

4) $(4.4 \times 10^9) \times (1.9 \times 10^7)$

5) $(7.71 \times 10^8) \times (6.95 \times 10^5)$

6) $(7.5 \times 10^{10}) \times (4.9 \times 10^7)$

7) $(1.31 \times 10^6) \times (3.09 \times 10^3)$

8) $(3.2 \times 10^3) \times (5.8 \times 10^{10})$

9) $(5.8 \times 10^9) \times (9.5 \times 10^6)$

10) $(8.6 \times 10^9) \times (5.6 \times 10^3)$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____



Solve each problem. Answer in scientific notation.

1) $(4.49 \times 10^{10}) \times (1.81 \times 10^{10})$
 $(4.49 \times 1.81) \times (10^{10} \times 10^{10})$
 8.1269×10^{20}
 8.1269×10^{20}

2) $(1.83 \times 10^{10}) \times (3.9 \times 10^{10})$
 $(1.83 \times 3.9) \times (10^{10} \times 10^{10})$
 7.137×10^{20}
 7.137×10^{20}

3) $(8.44 \times 10^{10}) \times (8.99 \times 10^8)$
 $(8.44 \times 8.99) \times (10^{10} \times 10^8)$
 75.8756×10^{18}
 7.58756×10^{19}

4) $(4.4 \times 10^9) \times (1.9 \times 10^7)$
 $(4.4 \times 1.9) \times (10^9 \times 10^7)$
 8.36×10^{16}
 8.36×10^{16}

5) $(7.71 \times 10^8) \times (6.95 \times 10^5)$
 $(7.71 \times 6.95) \times (10^8 \times 10^5)$
 53.5845×10^{13}
 5.35845×10^{14}

6) $(7.5 \times 10^{10}) \times (4.9 \times 10^7)$
 $(7.5 \times 4.9) \times (10^{10} \times 10^7)$
 36.75×10^{17}
 3.675×10^{18}

7) $(1.31 \times 10^6) \times (3.09 \times 10^3)$
 $(1.31 \times 3.09) \times (10^6 \times 10^3)$
 4.0479×10^9
 4.0479×10^9

8) $(3.2 \times 10^3) \times (5.8 \times 10^{10})$
 $(3.2 \times 5.8) \times (10^3 \times 10^{10})$
 18.56×10^{13}
 1.856×10^{14}

9) $(5.8 \times 10^9) \times (9.5 \times 10^6)$
 $(5.8 \times 9.5) \times (10^9 \times 10^6)$
 55.1×10^{15}
 5.51×10^{16}

10) $(8.6 \times 10^9) \times (5.6 \times 10^3)$
 $(8.6 \times 5.6) \times (10^9 \times 10^3)$
 48.16×10^{12}
 4.816×10^{13}

Answers

1. 8.1269×10^{20}
2. 7.137×10^{20}
3. 7.58756×10^{19}
4. 8.36×10^{16}
5. 5.35845×10^{14}
6. 3.675×10^{18}
7. 4.0479×10^9
8. 1.856×10^{14}
9. 5.51×10^{16}
10. 4.816×10^{13}