



Solve each problem. Answer in scientific notation.

1) $(7.05 \times 10^4) \times (1.06 \times 10^8)$

2) $(7.1 \times 10^4) \times (8.9 \times 10^3)$

3) $(9.35 \times 10^5) \times (5.6 \times 10^9)$

4) $(1.3 \times 10^9) \times (9.07 \times 10^6)$

5) $(1.1 \times 10^5) \times (3.4 \times 10^4)$

6) $(5.6 \times 10^4) \times (1.6 \times 10^{10})$

7) $(6.54 \times 10^6) \times (3.08 \times 10^8)$

8) $(5.8 \times 10^4) \times (2.3 \times 10^3)$

9) $(1.7 \times 10^7) \times (2.44 \times 10^{10})$

10) $(1.74 \times 10^9) \times (3.55 \times 10^{10})$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____



Solve each problem. Answer in scientific notation.

1) $(7.05 \times 10^4) \times (1.06 \times 10^8)$

$(7.05 \times 1.06) \times (10^4 \times 10^8)$

7.473×10^{12}

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2) $(7.1 \times 10^4) \times (8.9 \times 10^3)$

$(7.1 \times 8.9) \times (10^4 \times 10^3)$

63.19×10^7

6.319×10^8

3) $(9.35 \times 10^5) \times (5.6 \times 10^9)$

$(9.35 \times 5.6) \times (10^5 \times 10^9)$

52.36×10^{14}

5.236×10^{15}

4) $(1.3 \times 10^9) \times (9.07 \times 10^6)$

$(1.3 \times 9.07) \times (10^9 \times 10^6)$

11.791×10^{15}

1.1791×10^{16}

5) $(1.1 \times 10^5) \times (3.4 \times 10^4)$

$(1.1 \times 3.4) \times (10^5 \times 10^4)$

3.74×10^9

3.74×10^9

6) $(5.6 \times 10^4) \times (1.6 \times 10^{10})$

$(5.6 \times 1.6) \times (10^4 \times 10^{10})$

8.96×10^{14}

8.96×10^{14}

7) $(6.54 \times 10^6) \times (3.08 \times 10^8)$

$(6.54 \times 3.08) \times (10^6 \times 10^8)$

20.1432×10^{14}

2.01432×10^{15}

8) $(5.8 \times 10^4) \times (2.3 \times 10^3)$

$(5.8 \times 2.3) \times (10^4 \times 10^3)$

13.34×10^7

1.334×10^8

9) $(1.7 \times 10^7) \times (2.44 \times 10^{10})$

$(1.7 \times 2.44) \times (10^7 \times 10^{10})$

4.148×10^{17}

4.148×10^{17}

10) $(1.74 \times 10^9) \times (3.55 \times 10^{10})$

$(1.74 \times 3.55) \times (10^9 \times 10^{10})$

6.177×10^{19}

6.177×10^{19}

Answers

1. 7.473×10^{12}

2. 6.319×10^8

3. 5.236×10^{15}

4. 1.1791×10^{16}

5. 3.74×10^9

6. 8.96×10^{14}

7. 2.01432×10^{15}

8. 1.334×10^8

9. 4.148×10^{17}

10. 6.177×10^{19}