



Solve each problem. Answer in scientific notation.

1) $(9.6 \times 10^7) \times (4.3 \times 10^4)$

2) $(8.7 \times 10^4) \times (2.4 \times 10^9)$

3) $(1 \times 10^4) \times (1.6 \times 10^9)$

4) $(1 \times 10^3) \times (7.7 \times 10^9)$

5) $(9.04 \times 10^{10}) \times (5.74 \times 10^9)$

6) $(3.51 \times 10^8) \times (4.9 \times 10^3)$

7) $(9.05 \times 10^6) \times (4.62 \times 10^3)$

8) $(9.4 \times 10^9) \times (2.6 \times 10^4)$

9) $(5.4 \times 10^5) \times (1.5 \times 10^3)$

10) $(8.52 \times 10^9) \times (4.47 \times 10^9)$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

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8. _____

9. _____

10. _____



Solve each problem. Answer in scientific notation.

1) $(9.6 \times 10^7) \times (4.3 \times 10^4)$

$(9.6 \times 4.3) \times (10^7 \times 10^4)$

41.28×10^{11}

4.128×10^{12}

2) $(8.7 \times 10^4) \times (2.4 \times 10^9)$

$(8.7 \times 2.4) \times (10^4 \times 10^9)$

20.88×10^{13}

2.088×10^{14}

3) $(1 \times 10^4) \times (1.6 \times 10^9)$

$(1 \times 1.6) \times (10^4 \times 10^9)$

1.6×10^{13}

1.6×10^{13}

4) $(1 \times 10^3) \times (7.7 \times 10^9)$

$(1 \times 7.7) \times (10^3 \times 10^9)$

7.7×10^{12}

7.7×10^{12}

5) $(9.04 \times 10^{10}) \times (5.74 \times 10^9)$

$(9.04 \times 5.74) \times (10^{10} \times 10^9)$

51.8896×10^{19}

5.18896×10^{20}

6) $(3.51 \times 10^8) \times (4.9 \times 10^3)$

$(3.51 \times 4.9) \times (10^8 \times 10^3)$

17.199×10^{11}

1.7199×10^{12}

7) $(9.05 \times 10^6) \times (4.62 \times 10^3)$

$(9.05 \times 4.62) \times (10^6 \times 10^3)$

41.811×10^9

4.1811×10^{10}

8) $(9.4 \times 10^9) \times (2.6 \times 10^4)$

$(9.4 \times 2.6) \times (10^9 \times 10^4)$

24.44×10^{13}

2.444×10^{14}

9) $(5.4 \times 10^5) \times (1.5 \times 10^3)$

$(5.4 \times 1.5) \times (10^5 \times 10^3)$

8.1×10^8

8.1×10^8

10) $(8.52 \times 10^9) \times (4.47 \times 10^9)$

$(8.52 \times 4.47) \times (10^9 \times 10^9)$

38.0844×10^{18}

3.80844×10^{19}

Answers

1. 4.128×10^{12}

2. 2.088×10^{14}

3. 1.6×10^{13}

4. 7.7×10^{12}

5. 5.18896×10^{20}

6. 1.7199×10^{12}

7. 4.1811×10^{10}

8. 2.444×10^{14}

9. 8.1×10^8

10. 3.80844×10^{19}



Solve each problem. Answer in scientific notation.

1) $(4.5 \times 10^9) \times (7.3 \times 10^8)$

2) $(1 \times 10^4) \times (4 \times 10^4)$

3) $(6.84 \times 10^3) \times (2.99 \times 10^4)$

4) $(8.4 \times 10^9) \times (8.51 \times 10^3)$

5) $(5.74 \times 10^8) \times (5.73 \times 10^7)$

6) $(6.26 \times 10^4) \times (4.57 \times 10^6)$

7) $(9.8 \times 10^9) \times (1.9 \times 10^4)$

8) $(9.9 \times 10^9) \times (1.1 \times 10^5)$

9) $(8.58 \times 10^6) \times (4.38 \times 10^7)$

10) $(6.55 \times 10^{10}) \times (1.97 \times 10^9)$

Answers

1. _____

2. _____

3. _____

4. _____

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8. _____

9. _____

10. _____



Solve each problem. Answer in scientific notation.

1) $(4.5 \times 10^9) \times (7.3 \times 10^8)$
 $(4.5 \times 7.3) \times (10^9 \times 10^8)$
 32.85×10^{17}
 3.285×10^{18}

2) $(1 \times 10^4) \times (4 \times 10^4)$
 $(1 \times 4) \times (10^4 \times 10^4)$
 4×10^8
 4×10^8

3) $(6.84 \times 10^3) \times (2.99 \times 10^4)$
 $(6.84 \times 2.99) \times (10^3 \times 10^4)$
 20.4516×10^7
 2.04516×10^8

4) $(8.4 \times 10^9) \times (8.51 \times 10^3)$
 $(8.4 \times 8.51) \times (10^9 \times 10^3)$
 71.484×10^{12}
 7.1484×10^{13}

5) $(5.74 \times 10^8) \times (5.73 \times 10^7)$
 $(5.74 \times 5.73) \times (10^8 \times 10^7)$
 32.8902×10^{15}
 3.28902×10^{16}

6) $(6.26 \times 10^4) \times (4.57 \times 10^6)$
 $(6.26 \times 4.57) \times (10^4 \times 10^6)$
 28.6082×10^{10}
 2.86082×10^{11}

7) $(9.8 \times 10^9) \times (1.9 \times 10^4)$
 $(9.8 \times 1.9) \times (10^9 \times 10^4)$
 18.62×10^{13}
 1.862×10^{14}

8) $(9.9 \times 10^9) \times (1.1 \times 10^5)$
 $(9.9 \times 1.1) \times (10^9 \times 10^5)$
 10.89×10^{14}
 1.089×10^{15}

9) $(8.58 \times 10^6) \times (4.38 \times 10^7)$
 $(8.58 \times 4.38) \times (10^6 \times 10^7)$
 37.5804×10^{13}
 3.75804×10^{14}

10) $(6.55 \times 10^{10}) \times (1.97 \times 10^9)$
 $(6.55 \times 1.97) \times (10^{10} \times 10^9)$
 12.9035×10^{19}
 1.29035×10^{20}

Answers

1. 3.285×10^{18}

2. 4×10^8

3. 2.04516×10^8

4. 7.1484×10^{13}

5. 3.28902×10^{16}

6. 2.86082×10^{11}

7. 1.862×10^{14}

8. 1.089×10^{15}

9. 3.75804×10^{14}

10. 1.29035×10^{20}



Solve each problem. Answer in scientific notation.

1) $(6 \times 10^5) \times (3.3 \times 10^3)$

2) $(5.43 \times 10^{10}) \times (6.1 \times 10^4)$

3) $(1.6 \times 10^3) \times (1.12 \times 10^9)$

4) $(3 \times 10^3) \times (6.04 \times 10^8)$

5) $(1.1 \times 10^5) \times (3.6 \times 10^7)$

6) $(1.97 \times 10^7) \times (9.57 \times 10^7)$

7) $(8.1 \times 10^5) \times (8.8 \times 10^9)$

8) $(4.1 \times 10^{10}) \times (1.6 \times 10^{10})$

9) $(8.14 \times 10^7) \times (6.58 \times 10^5)$

10) $(3.48 \times 10^7) \times (1.24 \times 10^{10})$

Answers

1. _____

2. _____

3. _____

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8. _____

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10. _____



Solve each problem. Answer in scientific notation.

1) $(6 \times 10^5) \times (3.3 \times 10^3)$
 $(6 \times 3.3) \times (10^5 \times 10^3)$
 19.8×10^8
 1.98×10^9

2) $(5.43 \times 10^{10}) \times (6.1 \times 10^4)$
 $(5.43 \times 6.1) \times (10^{10} \times 10^4)$
 33.123×10^{14}
 3.3123×10^{15}

3) $(1.6 \times 10^3) \times (1.12 \times 10^9)$
 $(1.6 \times 1.12) \times (10^3 \times 10^9)$
 1.792×10^{12}
 1.792×10^{12}

4) $(3 \times 10^3) \times (6.04 \times 10^8)$
 $(3 \times 6.04) \times (10^3 \times 10^8)$
 18.12×10^{11}
 1.812×10^{12}

5) $(1.1 \times 10^5) \times (3.6 \times 10^7)$
 $(1.1 \times 3.6) \times (10^5 \times 10^7)$
 3.96×10^{12}
 3.96×10^{12}

6) $(1.97 \times 10^7) \times (9.57 \times 10^7)$
 $(1.97 \times 9.57) \times (10^7 \times 10^7)$
 18.8529×10^{14}
 1.88529×10^{15}

7) $(8.1 \times 10^5) \times (8.8 \times 10^9)$
 $(8.1 \times 8.8) \times (10^5 \times 10^9)$
 71.28×10^{14}
 7.128×10^{15}

8) $(4.1 \times 10^{10}) \times (1.6 \times 10^{10})$
 $(4.1 \times 1.6) \times (10^{10} \times 10^{10})$
 6.56×10^{20}
 6.56×10^{20}

9) $(8.14 \times 10^7) \times (6.58 \times 10^5)$
 $(8.14 \times 6.58) \times (10^7 \times 10^5)$
 53.5612×10^{12}
 5.35612×10^{13}

10) $(3.48 \times 10^7) \times (1.24 \times 10^{10})$
 $(3.48 \times 1.24) \times (10^7 \times 10^{10})$
 4.3152×10^{17}
 4.3152×10^{17}

Answers

1. 1.98×10^9

2. 3.3123×10^{15}

3. 1.792×10^{12}

4. 1.812×10^{12}

5. 3.96×10^{12}

6. 1.88529×10^{15}

7. 7.128×10^{15}

8. 6.56×10^{20}

9. 5.35612×10^{13}

10. 4.3152×10^{17}



Solve each problem. Answer in scientific notation.

1) $(4 \times 10^6) \times (6 \times 10^{10})$

2) $(4.73 \times 10^9) \times (3.26 \times 10^3)$

3) $(7.35 \times 10^5) \times (3.48 \times 10^6)$

4) $(2.67 \times 10^9) \times (8.58 \times 10^9)$

5) $(1.11 \times 10^9) \times (2.57 \times 10^8)$

6) $(1.24 \times 10^4) \times (8.59 \times 10^5)$

7) $(1.68 \times 10^8) \times (4.78 \times 10^8)$

8) $(5.1 \times 10^5) \times (8.8 \times 10^6)$

9) $(1.7 \times 10^5) \times (3.9 \times 10^6)$

10) $(2.57 \times 10^7) \times (2.36 \times 10^3)$

Answers

1. _____

2. _____

3. _____

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10. _____



Solve each problem. Answer in scientific notation.

1) $(4 \times 10^6) \times (6 \times 10^{10})$
 $(4 \times 6) \times (10^6 \times 10^{10})$
 24×10^{16}
 2.4×10^{17}

2) $(4.73 \times 10^9) \times (3.26 \times 10^3)$
 $(4.73 \times 3.26) \times (10^9 \times 10^3)$
 15.4198×10^{12}
 1.54198×10^{13}

3) $(7.35 \times 10^5) \times (3.48 \times 10^6)$
 $(7.35 \times 3.48) \times (10^5 \times 10^6)$
 25.578×10^{11}
 2.5578×10^{12}

4) $(2.67 \times 10^9) \times (8.58 \times 10^9)$
 $(2.67 \times 8.58) \times (10^9 \times 10^9)$
 22.9086×10^{18}
 2.29086×10^{19}

5) $(1.11 \times 10^9) \times (2.57 \times 10^8)$
 $(1.11 \times 2.57) \times (10^9 \times 10^8)$
 2.8527×10^{17}
 2.8527×10^{17}

6) $(1.24 \times 10^4) \times (8.59 \times 10^5)$
 $(1.24 \times 8.59) \times (10^4 \times 10^5)$
 10.6516×10^9
 1.06516×10^{10}

7) $(1.68 \times 10^8) \times (4.78 \times 10^8)$
 $(1.68 \times 4.78) \times (10^8 \times 10^8)$
 8.0304×10^{16}
 8.0304×10^{16}

8) $(5.1 \times 10^5) \times (8.8 \times 10^6)$
 $(5.1 \times 8.8) \times (10^5 \times 10^6)$
 44.88×10^{11}
 4.488×10^{12}

9) $(1.7 \times 10^5) \times (3.9 \times 10^6)$
 $(1.7 \times 3.9) \times (10^5 \times 10^6)$
 6.63×10^{11}
 6.63×10^{11}

10) $(2.57 \times 10^7) \times (2.36 \times 10^3)$
 $(2.57 \times 2.36) \times (10^7 \times 10^3)$
 6.0652×10^{10}
 6.0652×10^{10}

Answers

1. 2.4×10^{17}

2. 1.54198×10^{13}

3. 2.5578×10^{12}

4. 2.29086×10^{19}

5. 2.8527×10^{17}

6. 1.06516×10^{10}

7. 8.0304×10^{16}

8. 4.488×10^{12}

9. 6.63×10^{11}

10. 6.0652×10^{10}



Solve each problem. Answer in scientific notation.

1) $(5.8 \times 10^3) \times (9.2 \times 10^5)$

2) $(3.6 \times 10^8) \times (2.6 \times 10^4)$

3) $(5.86 \times 10^6) \times (3.12 \times 10^{10})$

4) $(5.8 \times 10^6) \times (3 \times 10^3)$

5) $(1.85 \times 10^3) \times (7.38 \times 10^5)$

6) $(8.2 \times 10^4) \times (3.2 \times 10^6)$

7) $(8.3 \times 10^8) \times (1.5 \times 10^5)$

8) $(2 \times 10^{10}) \times (6.8 \times 10^8)$

9) $(2.97 \times 10^3) \times (1.93 \times 10^5)$

10) $(6.1 \times 10^6) \times (5.75 \times 10^3)$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

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7. _____

8. _____

9. _____

10. _____



Solve each problem. Answer in scientific notation.

1) $(5.8 \times 10^3) \times (9.2 \times 10^5)$
 $(5.8 \times 9.2) \times (10^3 \times 10^5)$
 53.36×10^8
 5.336×10^9

2) $(3.6 \times 10^8) \times (2.6 \times 10^4)$
 $(3.6 \times 2.6) \times (10^8 \times 10^4)$
 9.36×10^{12}
 9.36×10^{12}

3) $(5.86 \times 10^6) \times (3.12 \times 10^{10})$
 $(5.86 \times 3.12) \times (10^6 \times 10^{10})$
 18.2832×10^{16}
 1.82832×10^{17}

4) $(5.8 \times 10^6) \times (3 \times 10^3)$
 $(5.8 \times 3) \times (10^6 \times 10^3)$
 17.4×10^9
 1.74×10^{10}

5) $(1.85 \times 10^3) \times (7.38 \times 10^5)$
 $(1.85 \times 7.38) \times (10^3 \times 10^5)$
 13.653×10^8
 1.3653×10^9

6) $(8.2 \times 10^4) \times (3.2 \times 10^6)$
 $(8.2 \times 3.2) \times (10^4 \times 10^6)$
 26.24×10^{10}
 2.624×10^{11}

7) $(8.3 \times 10^8) \times (1.5 \times 10^5)$
 $(8.3 \times 1.5) \times (10^8 \times 10^5)$
 12.45×10^{13}
 1.245×10^{14}

8) $(2 \times 10^{10}) \times (6.8 \times 10^8)$
 $(2 \times 6.8) \times (10^{10} \times 10^8)$
 13.6×10^{18}
 1.36×10^{19}

9) $(2.97 \times 10^3) \times (1.93 \times 10^5)$
 $(2.97 \times 1.93) \times (10^3 \times 10^5)$
 5.7321×10^8
 5.7321×10^8

10) $(6.1 \times 10^6) \times (5.75 \times 10^3)$
 $(6.1 \times 5.75) \times (10^6 \times 10^3)$
 35.075×10^9
 3.5075×10^{10}

Answers

1. 5.336×10^9

2. 9.36×10^{12}

3. 1.82832×10^{17}

4. 1.74×10^{10}

5. 1.3653×10^9

6. 2.624×10^{11}

7. 1.245×10^{14}

8. 1.36×10^{19}

9. 5.7321×10^8

10. 3.5075×10^{10}



Solve each problem. Answer in scientific notation.

1) $(5.9 \times 10^8) \times (5.88 \times 10^9)$

2) $(9.3 \times 10^7) \times (8.3 \times 10^3)$

3) $(6.2 \times 10^5) \times (9.7 \times 10^7)$

4) $(5.9 \times 10^9) \times (6 \times 10^{10})$

5) $(6.56 \times 10^5) \times (8.96 \times 10^{10})$

6) $(9.04 \times 10^8) \times (5.9 \times 10^4)$

7) $(1.6 \times 10^5) \times (1.1 \times 10^5)$

8) $(9.09 \times 10^9) \times (8.54 \times 10^6)$

9) $(2.6 \times 10^3) \times (7.2 \times 10^8)$

10) $(9.4 \times 10^6) \times (2.9 \times 10^7)$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____



Solve each problem. Answer in scientific notation.

1) $(5.9 \times 10^8) \times (5.88 \times 10^9)$
 $(5.9 \times 5.88) \times (10^8 \times 10^9)$
 34.692×10^{17}
 3.4692×10^{18}

2) $(9.3 \times 10^7) \times (8.3 \times 10^3)$
 $(9.3 \times 8.3) \times (10^7 \times 10^3)$
 77.19×10^{10}
 7.719×10^{11}

3) $(6.2 \times 10^5) \times (9.7 \times 10^7)$
 $(6.2 \times 9.7) \times (10^5 \times 10^7)$
 60.14×10^{12}
 6.014×10^{13}

4) $(5.9 \times 10^9) \times (6 \times 10^{10})$
 $(5.9 \times 6) \times (10^9 \times 10^{10})$
 35.4×10^{19}
 3.54×10^{20}

5) $(6.56 \times 10^5) \times (8.96 \times 10^{10})$
 $(6.56 \times 8.96) \times (10^5 \times 10^{10})$
 58.7776×10^{15}
 5.87776×10^{16}

6) $(9.04 \times 10^8) \times (5.9 \times 10^4)$
 $(9.04 \times 5.9) \times (10^8 \times 10^4)$
 53.336×10^{12}
 5.3336×10^{13}

7) $(1.6 \times 10^5) \times (1.1 \times 10^5)$
 $(1.6 \times 1.1) \times (10^5 \times 10^5)$
 1.76×10^{10}
 1.76×10^{10}

8) $(9.09 \times 10^9) \times (8.54 \times 10^6)$
 $(9.09 \times 8.54) \times (10^9 \times 10^6)$
 77.6286×10^{15}
 7.76286×10^{16}

9) $(2.6 \times 10^3) \times (7.2 \times 10^8)$
 $(2.6 \times 7.2) \times (10^3 \times 10^8)$
 18.72×10^{11}
 1.872×10^{12}

10) $(9.4 \times 10^6) \times (2.9 \times 10^7)$
 $(9.4 \times 2.9) \times (10^6 \times 10^7)$
 27.26×10^{13}
 2.726×10^{14}

Answers

1. 3.4692×10^{18}

2. 7.719×10^{11}

3. 6.014×10^{13}

4. 3.54×10^{20}

5. 5.87776×10^{16}

6. 5.3336×10^{13}

7. 1.76×10^{10}

8. 7.76286×10^{16}

9. 1.872×10^{12}

10. 2.726×10^{14}



Solve each problem. Answer in scientific notation.

1) $(4.56 \times 10^4) \times (9.6 \times 10^5)$

2) $(1.73 \times 10^4) \times (6.55 \times 10^4)$

3) $(9.7 \times 10^9) \times (3.3 \times 10^6)$

4) $(9.5 \times 10^{10}) \times (8.8 \times 10^3)$

5) $(1.3 \times 10^3) \times (5.1 \times 10^9)$

6) $(6.09 \times 10^{10}) \times (6.7 \times 10^7)$

7) $(5.21 \times 10^7) \times (7.07 \times 10^8)$

8) $(1.91 \times 10^7) \times (8.71 \times 10^5)$

9) $(5.5 \times 10^7) \times (1.6 \times 10^6)$

10) $(5.9 \times 10^9) \times (3.27 \times 10^7)$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

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7. _____

8. _____

9. _____

10. _____



Solve each problem. Answer in scientific notation.

1) $(4.56 \times 10^4) \times (9.6 \times 10^5)$
 $(4.56 \times 9.6) \times (10^4 \times 10^5)$
 43.776×10^9
 4.3776×10^{10}

2) $(1.73 \times 10^4) \times (6.55 \times 10^4)$
 $(1.73 \times 6.55) \times (10^4 \times 10^4)$
 11.3315×10^8
 1.13315×10^9

3) $(9.7 \times 10^9) \times (3.3 \times 10^6)$
 $(9.7 \times 3.3) \times (10^9 \times 10^6)$
 32.01×10^{15}
 3.201×10^{16}

4) $(9.5 \times 10^{10}) \times (8.8 \times 10^3)$
 $(9.5 \times 8.8) \times (10^{10} \times 10^3)$
 83.6×10^{13}
 8.36×10^{14}

5) $(1.3 \times 10^3) \times (5.1 \times 10^9)$
 $(1.3 \times 5.1) \times (10^3 \times 10^9)$
 6.63×10^{12}
 6.63×10^{12}

6) $(6.09 \times 10^{10}) \times (6.7 \times 10^7)$
 $(6.09 \times 6.7) \times (10^{10} \times 10^7)$
 40.803×10^{17}
 4.0803×10^{18}

7) $(5.21 \times 10^7) \times (7.07 \times 10^8)$
 $(5.21 \times 7.07) \times (10^7 \times 10^8)$
 36.8347×10^{15}
 3.68347×10^{16}

8) $(1.91 \times 10^7) \times (8.71 \times 10^5)$
 $(1.91 \times 8.71) \times (10^7 \times 10^5)$
 16.6361×10^{12}
 1.66361×10^{13}

9) $(5.5 \times 10^7) \times (1.6 \times 10^6)$
 $(5.5 \times 1.6) \times (10^7 \times 10^6)$
 8.8×10^{13}
 8.8×10^{13}

10) $(5.9 \times 10^9) \times (3.27 \times 10^7)$
 $(5.9 \times 3.27) \times (10^9 \times 10^7)$
 19.293×10^{16}
 1.9293×10^{17}

Answers

1. 4.3776×10^{10}

2. 1.13315×10^9

3. 3.201×10^{16}

4. 8.36×10^{14}

5. 6.63×10^{12}

6. 4.0803×10^{18}

7. 3.68347×10^{16}

8. 1.66361×10^{13}

9. 8.8×10^{13}

10. 1.9293×10^{17}



Solve each problem. Answer in scientific notation.

1) $(5.5 \times 10^5) \times (2.2 \times 10^5)$

2) $(6.03 \times 10^3) \times (7.66 \times 10^6)$

3) $(3.31 \times 10^9) \times (8.44 \times 10^7)$

4) $(2.7 \times 10^5) \times (4.66 \times 10^{10})$

5) $(8.2 \times 10^7) \times (3.8 \times 10^7)$

6) $(1 \times 10^7) \times (5.3 \times 10^4)$

7) $(4.27 \times 10^5) \times (8.82 \times 10^{10})$

8) $(3.27 \times 10^4) \times (5.54 \times 10^8)$

9) $(5.4 \times 10^9) \times (6.1 \times 10^7)$

10) $(1.8 \times 10^8) \times (4.4 \times 10^7)$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____



Solve each problem. Answer in scientific notation.

1) $(5.5 \times 10^5) \times (2.2 \times 10^5)$

$(5.5 \times 2.2) \times (10^5 \times 10^5)$

12.1×10^{10}

1.21×10^{11}

2) $(6.03 \times 10^3) \times (7.66 \times 10^6)$

$(6.03 \times 7.66) \times (10^3 \times 10^6)$

46.1898×10^9

4.61898×10^{10}

3) $(3.31 \times 10^9) \times (8.44 \times 10^7)$

$(3.31 \times 8.44) \times (10^9 \times 10^7)$

27.9364×10^{16}

2.79364×10^{17}

4) $(2.7 \times 10^5) \times (4.66 \times 10^{10})$

$(2.7 \times 4.66) \times (10^5 \times 10^{10})$

12.582×10^{15}

1.2582×10^{16}

5) $(8.2 \times 10^7) \times (3.8 \times 10^7)$

$(8.2 \times 3.8) \times (10^7 \times 10^7)$

31.16×10^{14}

3.116×10^{15}

6) $(1 \times 10^7) \times (5.3 \times 10^4)$

$(1 \times 5.3) \times (10^7 \times 10^4)$

5.3×10^{11}

5.3×10^{11}

7) $(4.27 \times 10^5) \times (8.82 \times 10^{10})$

$(4.27 \times 8.82) \times (10^5 \times 10^{10})$

37.6614×10^{15}

3.76614×10^{16}

8) $(3.27 \times 10^4) \times (5.54 \times 10^8)$

$(3.27 \times 5.54) \times (10^4 \times 10^8)$

18.1158×10^{12}

1.81158×10^{13}

9) $(5.4 \times 10^9) \times (6.1 \times 10^7)$

$(5.4 \times 6.1) \times (10^9 \times 10^7)$

32.94×10^{16}

3.294×10^{17}

10) $(1.8 \times 10^8) \times (4.4 \times 10^7)$

$(1.8 \times 4.4) \times (10^8 \times 10^7)$

7.92×10^{15}

7.92×10^{15}

Answers

1. 1.21×10^{11}

2. 4.61898×10^{10}

3. 2.79364×10^{17}

4. 1.2582×10^{16}

5. 3.116×10^{15}

6. 5.3×10^{11}

7. 3.76614×10^{16}

8. 1.81158×10^{13}

9. 3.294×10^{17}

10. 7.92×10^{15}



Solve each problem. Answer in scientific notation.

1) $(4.4 \times 10^6) \times (8.8 \times 10^6)$

2) $(8.51 \times 10^3) \times (3.7 \times 10^7)$

3) $(8.78 \times 10^7) \times (2.28 \times 10^6)$

4) $(5.3 \times 10^6) \times (1.7 \times 10^6)$

5) $(7.12 \times 10^8) \times (9.6 \times 10^{10})$

6) $(3.3 \times 10^4) \times (8.3 \times 10^4)$

7) $(9.8 \times 10^{10}) \times (2.1 \times 10^8)$

8) $(6.1 \times 10^9) \times (6.5 \times 10^{10})$

9) $(9.3 \times 10^8) \times (3.4 \times 10^7)$

10) $(8.94 \times 10^9) \times (2.41 \times 10^7)$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____



Solve each problem. Answer in scientific notation.

1) $(4.4 \times 10^6) \times (8.8 \times 10^6)$

$(4.4 \times 8.8) \times (10^6 \times 10^6)$

38.72×10^{12}

3.872×10^{13}

2) $(8.51 \times 10^3) \times (3.7 \times 10^7)$

$(8.51 \times 3.7) \times (10^3 \times 10^7)$

31.487×10^{10}

3.1487×10^{11}

3) $(8.78 \times 10^7) \times (2.28 \times 10^6)$

$(8.78 \times 2.28) \times (10^7 \times 10^6)$

20.0184×10^{13}

2.00184×10^{14}

4) $(5.3 \times 10^6) \times (1.7 \times 10^6)$

$(5.3 \times 1.7) \times (10^6 \times 10^6)$

9.01×10^{12}

9.01×10^{12}

5) $(7.12 \times 10^8) \times (9.6 \times 10^{10})$

$(7.12 \times 9.6) \times (10^8 \times 10^{10})$

68.352×10^{18}

6.8352×10^{19}

6) $(3.3 \times 10^4) \times (8.3 \times 10^4)$

$(3.3 \times 8.3) \times (10^4 \times 10^4)$

27.39×10^8

2.739×10^9

7) $(9.8 \times 10^{10}) \times (2.1 \times 10^8)$

$(9.8 \times 2.1) \times (10^{10} \times 10^8)$

20.58×10^{18}

2.058×10^{19}

8) $(6.1 \times 10^9) \times (6.5 \times 10^{10})$

$(6.1 \times 6.5) \times (10^9 \times 10^{10})$

39.65×10^{19}

3.965×10^{20}

9) $(9.3 \times 10^8) \times (3.4 \times 10^7)$

$(9.3 \times 3.4) \times (10^8 \times 10^7)$

31.62×10^{15}

3.162×10^{16}

10) $(8.94 \times 10^9) \times (2.41 \times 10^7)$

$(8.94 \times 2.41) \times (10^9 \times 10^7)$

21.5454×10^{16}

2.15454×10^{17}

Answers

1. 3.872×10^{13}

2. 3.1487×10^{11}

3. 2.00184×10^{14}

4. 9.01×10^{12}

5. 6.8352×10^{19}

6. 2.739×10^9

7. 2.058×10^{19}

8. 3.965×10^{20}

9. 3.162×10^{16}

10. 2.15454×10^{17}



Solve each problem. Answer in scientific notation.

1) $(5.9 \times 10^7) \times (4.4 \times 10^{10})$

2) $(4.3 \times 10^6) \times (9.8 \times 10^4)$

3) $(2.9 \times 10^4) \times (5.81 \times 10^3)$

4) $(3.8 \times 10^9) \times (5.35 \times 10^9)$

5) $(7.56 \times 10^{10}) \times (3.73 \times 10^6)$

6) $(5.74 \times 10^3) \times (6.35 \times 10^6)$

7) $(6.6 \times 10^8) \times (5.2 \times 10^{10})$

8) $(3.6 \times 10^3) \times (8.6 \times 10^5)$

9) $(8.29 \times 10^9) \times (1.8 \times 10^{10})$

10) $(8.82 \times 10^8) \times (1.59 \times 10^7)$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____



Solve each problem. Answer in scientific notation.

1) $(5.9 \times 10^7) \times (4.4 \times 10^{10})$

$(5.9 \times 4.4) \times (10^7 \times 10^{10})$

25.96×10^{17}

2.596×10^{18}

2) $(4.3 \times 10^6) \times (9.8 \times 10^4)$

$(4.3 \times 9.8) \times (10^6 \times 10^4)$

42.14×10^{10}

4.214×10^{11}

3) $(2.9 \times 10^4) \times (5.81 \times 10^3)$

$(2.9 \times 5.81) \times (10^4 \times 10^3)$

16.849×10^7

1.6849×10^8

4) $(3.8 \times 10^9) \times (5.35 \times 10^9)$

$(3.8 \times 5.35) \times (10^9 \times 10^9)$

20.33×10^{18}

2.033×10^{19}

5) $(7.56 \times 10^{10}) \times (3.73 \times 10^6)$

$(7.56 \times 3.73) \times (10^{10} \times 10^6)$

28.1988×10^{16}

2.81988×10^{17}

6) $(5.74 \times 10^3) \times (6.35 \times 10^6)$

$(5.74 \times 6.35) \times (10^3 \times 10^6)$

36.449×10^9

3.6449×10^{10}

7) $(6.6 \times 10^8) \times (5.2 \times 10^{10})$

$(6.6 \times 5.2) \times (10^8 \times 10^{10})$

34.32×10^{18}

3.432×10^{19}

8) $(3.6 \times 10^3) \times (8.6 \times 10^5)$

$(3.6 \times 8.6) \times (10^3 \times 10^5)$

30.96×10^8

3.096×10^9

9) $(8.29 \times 10^9) \times (1.8 \times 10^{10})$

$(8.29 \times 1.8) \times (10^9 \times 10^{10})$

14.922×10^{19}

1.4922×10^{20}

10) $(8.82 \times 10^8) \times (1.59 \times 10^7)$

$(8.82 \times 1.59) \times (10^8 \times 10^7)$

14.0238×10^{15}

1.40238×10^{16}

Answers

1. 2.596×10^{18}

2. 4.214×10^{11}

3. 1.6849×10^8

4. 2.033×10^{19}

5. 2.81988×10^{17}

6. 3.6449×10^{10}

7. 3.432×10^{19}

8. 3.096×10^9

9. 1.4922×10^{20}

10. 1.40238×10^{16}