



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. _____

6. _____

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}