



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}