

Scientific notation

Write the number in scientific notation.

1. $0.0006 =$ _____

2. $0.043 =$ _____

3. $0.03 =$ _____

4. $0.09 =$ _____

5. $0.075 =$ _____

6. $5,700 =$ _____

7. $65,000 =$ _____

8. $3,000 =$ _____

9. $900,000 =$ _____

10. $0.00068 =$ _____

11. $0.057 =$ _____

12. $0.008 =$ _____

Standard form

Write the number in standard form.

1. $9.4 \times 10^4 =$ _____

2. $8 \times 10^4 =$ _____

3. $6.9 \times 10^4 =$ _____

4. $9 \times 10^{-3} =$ _____

5. $5.2 \times 10^{-3} =$ _____

6. $8.9 \times 10^{-4} =$ _____

7. $9 \times 10^4 =$ _____

8. $8.6 \times 10^{-2} =$ _____

9. $9 \times 10^5 =$ _____

10. $5.4 \times 10^5 =$ _____

11. $2.4 \times 10^{-4} =$ _____

12. $4 \times 10^5 =$ _____

Multiply

Multiply. Write the product in scientific notation.

1. $(5 \times 10^2) \times (2 \times 10^{-4}) =$ _____

2. $(5 \times 10^{-3}) \times (2 \times 10^{-3}) =$ _____

3. $(3 \times 10^{-4}) \times (2 \times 10^{-4}) =$ _____

4. $(7 \times 10^{-2}) \times (6 \times 10^{-2}) =$ _____

5. $(4 \times 10^2) \times (2 \times 10^{-4}) =$ _____

6. $(5 \times 10^{-4}) \times (4 \times 10^{-4}) =$ _____

7. $(2 \times 10^2) \times (6 \times 10^{-2}) =$ _____

8. $(9 \times 10^{-3}) \times (5 \times 10^1) =$ _____

9. $(3 \times 10^3) \times (2 \times 10^{-2}) =$ _____

10. $(8 \times 10^4) \times (9 \times 10^1) =$ _____

11. $(8 \times 10^4) \times (2 \times 10^{-2}) =$ _____

12. $(2 \times 10^{-4}) \times (6 \times 10^{-2}) =$ _____

Divide

Divide. Write the quotient in scientific notation.

1. $(4 \times 10^{-3}) \div (4 \times 10^3) =$ _____

2. $(6 \times 10^{-2}) \div (2 \times 10^{-4}) =$ _____

3. $(8 \times 10^{-2}) \div (8 \times 10^{-3}) =$ _____

4. $(3 \times 10^{-3}) \div (5 \times 10^{-3}) =$ _____

5. $(2 \times 10^{-1}) \div (4 \times 10^{-3}) =$ _____

6. $(5 \times 10^4) \div (2 \times 10^3) =$ _____

7. $(9 \times 10^4) \div (6 \times 10^2) =$ _____

8. $(2 \times 10^2) \div (2 \times 10^4) =$ _____

9. $(9 \times 10^{-1}) \div (9 \times 10^{-3}) =$ _____

10. $(6 \times 10^{-1}) \div (3 \times 10^3) =$ _____

11. $(3 \times 10^{-3}) \div (6 \times 10^{-3}) =$ _____

12. $(3 \times 10^3) \div (2 \times 10^{-4}) =$ _____