

Scientific notation

Write the number in scientific notation.

1. 800,000 = _____

2. 0.00071 = _____

3. 8,000 = _____

4. 920,000 = _____

5. 0.00077 = _____

6. 1,900 = _____

7. 100,000 = _____

8. 0.0065 = _____

9. 300,000 = _____

10. 0.0008 = _____

11. 500,000 = _____

12. 79,000 = _____

Standard form

Write the number in standard form.

1. $6 \times 10^{-2} =$ _____

2. $8.8 \times 10^{-4} =$ _____

3. $5.2 \times 10^{-4} =$ _____

4. $9.4 \times 10^{-2} =$ _____

5. $2 \times 10^5 =$ _____

6. $2.2 \times 10^5 =$ _____

7. $3 \times 10^3 =$ _____

8. $2.6 \times 10^4 =$ _____

9. $5.9 \times 10^5 =$ _____

10. $4.6 \times 10^{-3} =$ _____

11. $2 \times 10^3 =$ _____

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

Multiply

Multiply. Write the product in scientific notation.

1. $(2 \times 10^1) \times (7 \times 10^1) =$ _____

2. $(4 \times 10^2) \times (8 \times 10^3) =$ _____

3. $(6 \times 10^4) \times (6 \times 10^1) =$ _____

4. $(2 \times 10^1) \times (8 \times 10^{-4}) =$ _____

5. $(8 \times 10^{-4}) \times (4 \times 10^1) =$ _____

6. $(9 \times 10^{-4}) \times (2 \times 10^{-4}) =$ _____

7. $(8 \times 10^{-4}) \times (3 \times 10^{-2}) =$ _____

8. $(3 \times 10^1) \times (7 \times 10^{-1}) =$ _____

9. $(9 \times 10^{-3}) \times (4 \times 10^1) =$ _____

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

11. $(3 \times 10^{-2}) \times (7 \times 10^2) =$ _____

12. $(6 \times 10^3) \times (6 \times 10^1) =$ _____

Divide

Divide. Write the quotient in scientific notation.

1. $(2 \times 10^{-2}) \div (8 \times 10^{-1}) =$ _____

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

3. $(6 \times 10^{-1}) \div (3 \times 10^{-4}) =$ _____

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

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

6. $(8 \times 10^{-3}) \div (2 \times 10^1) =$ _____

7. $(3 \times 10^{-2}) \div (3 \times 10^{-1}) =$ _____

8. $(6 \times 10^{-4}) \div (4 \times 10^3) =$ _____

9. $(6 \times 10^{-4}) \div (8 \times 10^3) =$ _____

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

11. $(9 \times 10^{-3}) \div (2 \times 10^4) =$ _____

12. $(2 \times 10^{-3}) \div (8 \times 10^{-2}) =$ _____