

A Brief Math/Algebra Review

The only assumption I am making for math is a working knowledge of high school algebra. Here are some exercises to help you sharpen and review those skills.

1. Solve $F = ma$ for a :
2. Solve $z = 2x/9$ for x :
3. Solve $y = 3x + 2$ for x :
4. Solve $a = 3m - 7r$ for m :
5. Solve $y = 4x^2/3$ for x :
6. Solve $t^2 = 5y^2 + 7$ for y :

Scientific Notation:

- A. 10^3 is equal to
a. 10 b. 30 c. 100 d. 1000 e. 103
- B. 2.3×10^{-4} is equal to
a. 2.3 b. 0.023 c. 0.00023 d. 23000 e. 23
- C. 10×10^3 is equal to
a. 10^3 b. 10^4 c. 1000 d. 10^5
- D. Which is a larger number:
a. 5×10^{23} b. 50,000 c. 5×10^{-23} d. 5
- E. Write 6,340,000,000 in scientific notation.
- F. Write 0.00000435 in scientific notation.