Constants to Memorize:

The Universal Gravitational Constant

$$G = 6.67 \times 10^{-11} \, \mathrm{Nm^2/kg^2}$$

Coulomb's law Constant:

$$k = 9 \times 10^9 \,\text{Nm}^2/\text{C}^2$$

The Speed of Electromagnetic Waves (speed of light)

$$c = 3.00 \times 10^8 \,\mathrm{m/s}$$

The Elementary Charge (magnitude of charge in one proton or electron)

$$e = 1.60 \times 10^{-19} \,\mathrm{C}$$

Acceleration due to gravity at Earth's surface:

$$g = 9.8 \, \text{m/s}^2$$

On the AP physics test, you can approximate:

$$g = 10 \, \text{m/s}^2$$