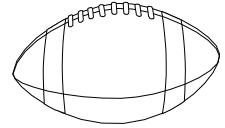# To Solve a Formula, Use ALL the Rules

Rule #1: Substitution → If a = b, then _____.

Rule #2: Distributive Law → a (b + c) = _____, and a (b - c) = _____.

Rule #3: Balance Rule → _____

_____.

$$P = 2\,(L + W) \qquad [\text{If } P = 50 \text{ and } W = 5, \text{ then find } L.]$$

Substitute:

Distribute:

Balance:

$$SA = 2\,\pi\,r\,(r + h) \quad [\text{If } SA = 275 \text{ and } r = 3.5, \text{ find } h. \text{ Use } \pi = 22/7.]$$