1. Suppose you want to blend two coffees in order to obtain 50 pounds of a new blend. If $x$ represents the number of pounds of coffee A, write an algebraic expression that represents the number of pounds of coffee B.

2. The Area of trapezoid is given by the formula: $A = \frac{1}{2}(B + b)h$. Solve the formula for the height, “$h$.”

3. Solve the (linear) inequality: $\frac{3x + 1}{4} < \frac{1}{2}$