Read each problem **very carefully** before starting to solve it. Each problem is worth 5 points. It is necessary to show **all** your work. Correct answers without explanations are worth 0 points. GOOD LUCK!!

1. Solve the following equation for x;

$$\frac{5x-7}{3} - \frac{3x+17}{4} = \frac{1-x}{2};$$

2. Suppose that the volume of a rectangular aquarium is 90 cubic feet and that its length is 5 feet and its width 4 feet;

(a) Find the height of the aquarium.

(b) Find the total surface area of the four side glass walls of the aquarium (its top and bottom are made out of plastic).