Week 10 Math 150 Problem of the Week

Divide 153 into two parts such that $\frac{3}{5}$ of one part is equal to $\frac{6}{7}$ of the other part.

Let
$$x = 1^{4t}$$
 part 8 $153 - x = 2^{nd}$ part 7 $35 \cdot 3 \cdot x = \frac{6}{7}(153 - x) 35 \cdot 5$ $21x = 30(153 - x)$

$$21x = 4590 - 30x$$

+30x