You may have forgotten to distribute the 7 to the *x* on the right side of the equation. The correct simplification is 5x + 20 - 7x = 21 + 7x - 3x. This will simplify further to -2x + 20 = 21 + 4x. This equation has the solution $x = -\frac{1}{6}$. The correct answer is 5x + 20 - x = 7(3 + x) - 3x.