1. Simplify!

$$\frac{\dfrac{2x+5}{x^2+2x+1} - \dfrac{4}{2x+2}}{\dfrac{6x}{2x^3+4x^2+2x}}$$

2. Simplify!

$$\frac{1}{x^2-x-6} + \frac{1}{x^2+x-2} + \frac{1}{x^2-4x+3}$$

3. True of False?

a) $\dfrac{1}{x-7} + \dfrac{1}{7-x} = 0$

b) The polynomial $x^2 - x + 2$ is prime