Algebra III   Name: _____
Adding and Subtracting Rational   1/29/17

1. $\dfrac{x}{x+2} + \dfrac{7}{x+2}$

2. $\dfrac{1}{x} + \dfrac{x}{x-1}$

3. $\dfrac{1}{x-y} + \dfrac{2x-y}{x^2-y^2}$

4. $\dfrac{2}{x-4} - \dfrac{x+12}{x^2-16}$

5. $\dfrac{3}{x^2+x-2} - \dfrac{5}{x^2-x-6}$

6. $\dfrac{3x+13}{x^2-3x-10} - \dfrac{16}{x^2-6x+5}$

7. $\dfrac{6}{x^2-7x+12} - \dfrac{5x+9}{x^2-2x-3}$