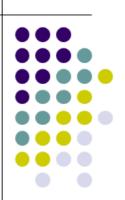
Adding/Subtracting Rational Expressions

Like Denominators



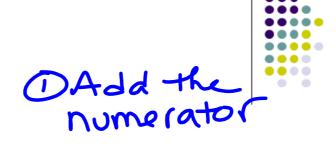
$$\frac{1}{7} + \frac{5}{7}$$
 $\frac{1+5}{7} = \frac{6}{7}$

$$\frac{2}{1}$$



Add:
$$\frac{4}{x^2} + \frac{1}{x^2} = \frac{4+1}{x^2} = \frac{5}{x^2}$$

$$\frac{1}{x} + \frac{1}{x} \cdot \frac{2}{x}$$



Teep the common Denom.

3) Can you simplify the answ?



$$\frac{1}{2n} + \frac{5}{2n} = \frac{2n^3}{2n} = \frac{3}{2n}$$



$$\frac{x}{y} + \frac{x}{y} = \frac{2 \times 2}{3}$$



$$\frac{2x}{x+3} + \frac{5}{x+3} = \frac{2 \times + 5}{x+3}$$



$$\frac{x^{2}}{x-3} - \frac{9}{x-3}$$

$$\frac{x^{2}-9}{x-3} - \frac{(x+3)(x-3)}{x-3} = x+3$$



$$\frac{7x}{x-4} + \frac{4x+12}{x-4} = \frac{11x+12}{x-4}$$