

Mar. 5, 2018

Sect. 6-3a

Add / Subt. Rational Expressions
with Like Denoms

Add / Subt
Simplify

Add ! Simplify :

$$\frac{4m}{3} + \frac{5m}{3}$$

$$\frac{4m + 5m}{3}$$

$$\frac{9m}{3}$$

$$3m$$

$$\frac{6a^2}{a+2} + \frac{4a^2}{a+2}$$

$$\frac{6a^2 + 4a^2}{a+2}$$

$$\frac{10a^2}{a+2}$$

$$\frac{2x^2 + 3x - 7}{2x + 1} + \frac{x^2 + x - 8}{2x + 1}$$

$$\frac{3x^2 + 4x - 15}{2x + 1}$$

$$\frac{(x + 3)(3x - 5)}{2x + 1}$$

$$\frac{2y^2 + 4y - 3}{y + 3} - \frac{y^2 - 2y - 12}{y + 3}$$

$$\frac{y^2 + 6y + 9}{y + 3}$$

$$\frac{(y + 3)(\cancel{y + 3})}{\cancel{y + 3}} = y + 3$$