

# Rational Expressions and like denominators

$$① \frac{6a}{5} + \frac{4a}{5} = \frac{10a}{5} = 2a$$

$$② \frac{3b^2 + a}{7} + \frac{3a + 6b^2}{7} = \boxed{\frac{-3b^2 + 4a}{7}}$$
$$\boxed{\frac{4a - 3b^2}{7}}$$

$$③ \frac{10x - 5}{z} - \frac{(11x - 5)}{z} =$$

$$\frac{10x - 5}{z} + \frac{-11x + 5}{z} = \boxed{\frac{-x}{z}}$$

Note: if you have subtraction, distribute the negative and change to addition.