

SIMPLIFYING ALGEBRAIC EXPRESSIONS

WORKSHEET

SIMPLIFY THE GIVEN FRACTIONS.

$$\frac{6x}{4} + \frac{x+7}{7} =$$

$$\frac{5x}{8} + \frac{x+1}{6} =$$

$$\frac{x^2 - 4}{x + 2x} =$$

$$\frac{t^2 + 2t^2}{t^2} =$$

$$\frac{4b^2}{2ab - 8b^2} =$$

$$\frac{3q - q^2}{q^2} =$$

$$\frac{x + 7}{x^2 + 10x + 21} =$$

$$\frac{x^2 - 10x + 25}{x^2 - 5x} =$$

$$\frac{(x + 3)(x + 4)}{2x + 7} =$$

$$\frac{14x - 24 - 2x^2}{3x^2 - 4x - 15} =$$

$$\frac{x^2 + 7x + 12}{x^2 + 5x + 36} =$$

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