Date: 4 October 2022 **Title :** Solve Equations with Variables on Each Side **Book Page:** 133

My objective is To use the properties of equality to solve equations with variables on each side that have rational coefficients

Activity: 5 minutes

Solve $\frac{2}{3}x + 5 = \frac{2}{5}x - 3$.

$$\frac{2}{3}x - \frac{\ldots\ldots}{\ldots\ldots}x + 5 = -3$$

$$\left(\frac{\ldots\ldots - \ldots\ldots}{\ldots\ldots}\right)x + 5 = -3$$

$$\frac{\ldots\ldots}{\ldots\ldots}x + 5 = -3$$

$$\frac{4}{15}x = -3 - \ldots\ldots$$

$$\frac{4}{15}x = \ldots\ldots$$

$$x = \ldots\ldots\ldots\left(\frac{\ldots\ldots}{\ldots\ldots}\right)$$

$$x = \ldots\ldots\ldots$$

LIVEWORKSHEETS