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

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

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

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

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

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

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

$$x = ...$$