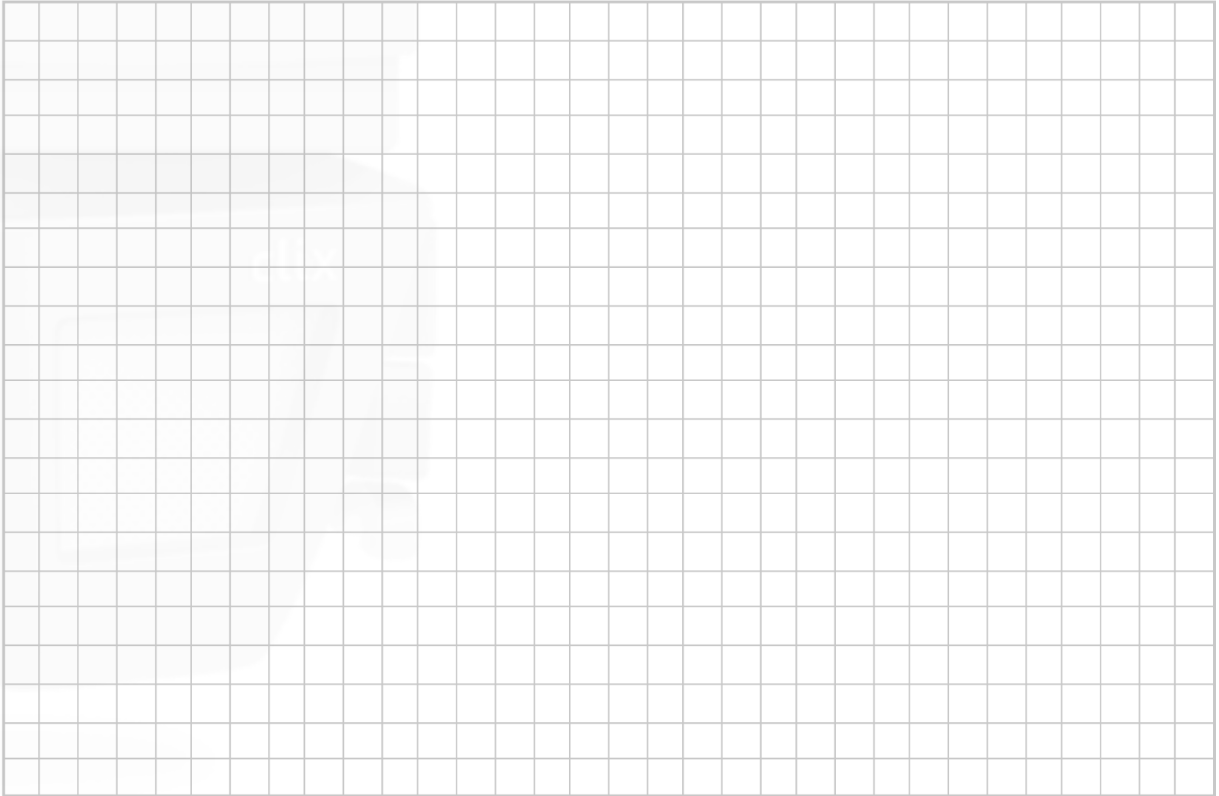


Question 11**(Suggested maximum time: 5 minutes)**

Solve the following equation. Give your answer in the form $\frac{m}{n}$ where $m, n \in \mathbb{N}$.

$$\frac{3x + 5}{2} + \frac{x - 4}{3} = 16$$



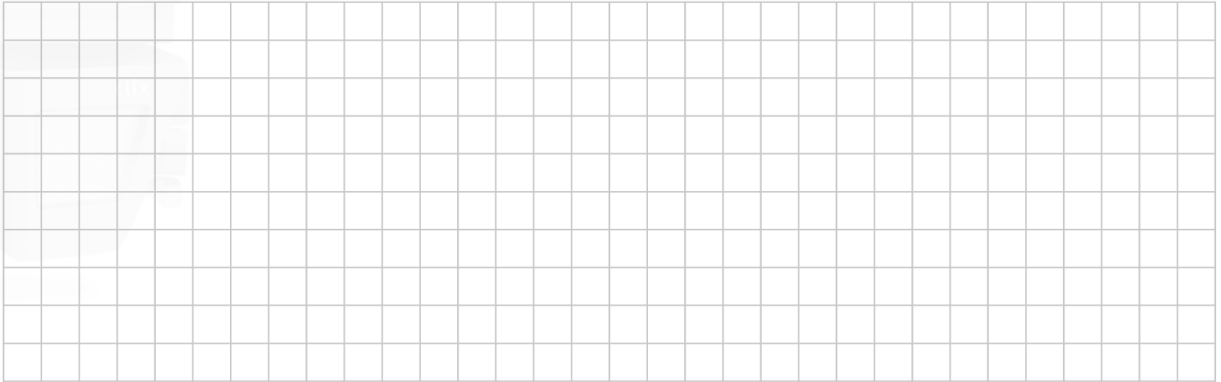
Question 7**(Suggested maximum time: 5 minutes)****(a)** Solve the following equation.

$$\frac{2x+4}{3} - \frac{5x-7}{2} = 5$$

**(a)** Multiply out and simplify $(x + 5)(x^2 - 2x + 6)$.

(c) Write the following as a single fraction in its simplest form.

$$\frac{x+2}{3} - \frac{x-3}{4}$$



A large grid for working out the solution, consisting of 20 columns and 10 rows.

