

ECUACIONES DE PRIMER GRADO CON DENOMINADORES

a) $4x - \frac{1}{3} = x + \frac{2}{3}$ MCM =

$$\frac{\boxed{}}{\boxed{}} - \frac{1}{\boxed{}} = \frac{\boxed{}}{\boxed{}} + \frac{2}{\boxed{}}$$

$$\boxed{} - 1 = 3x + \boxed{}$$

$$\boxed{} - 3x = 2 + \boxed{}$$

$$\boxed{} = \boxed{}$$

$$x = \frac{\boxed{}}{\boxed{}}$$

$$x = \frac{\boxed{}}{\boxed{}}$$

b) $-2x - \frac{2}{5} = 3x + \frac{8}{5}$ MCM =

$$\frac{-\boxed{}}{5} - \frac{\boxed{}}{5} = \frac{\boxed{}}{5} + \frac{\boxed{}}{5}$$

$$-\boxed{} - 2 = \boxed{} + 8$$

$$-\boxed{} - \boxed{} = 8 + \boxed{}$$

$$-\boxed{} = \boxed{}$$

$$x = -\frac{\boxed{}}{\boxed{}}$$

$$x = -\frac{\boxed{}}{\boxed{}}$$

c) $\frac{2x}{3} - \frac{1}{5} = \frac{x}{6} + \frac{2}{3}$ MCM =

$$\frac{\boxed{}}{\boxed{}} - \frac{\boxed{}}{\boxed{}} = \frac{\boxed{}}{\boxed{}} + \frac{\boxed{}}{\boxed{}}$$

$$\boxed{} - \boxed{} = \boxed{} + \boxed{}$$

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$$\boxed{} = \boxed{}$$

$$\boxed{} = \frac{\boxed{}}{\boxed{}}$$

d) $-4x - \frac{6}{2} = 5 + \frac{x}{4}$ MCM =

$$\frac{-\boxed{}}{\boxed{}} - \frac{\boxed{}}{\boxed{}} = \frac{\boxed{}}{\boxed{}} + \frac{\boxed{}}{\boxed{}}$$

$$\boxed{} - \boxed{} = \boxed{} + \boxed{}$$

$$\boxed{} - \boxed{} = \boxed{} + \boxed{}$$

$$\boxed{} = \boxed{}$$

$$\boxed{} = \frac{\boxed{}}{\boxed{}}$$