Algebraic fractions: single term denominators

lesson handout *The Maths Habit*

Part 1 · We do

Write $\frac{3x}{4} + \frac{x}{3}$ as a single fraction.

$$\frac{3x \times \square}{4 \times \square} + \frac{x \times \square}{3 \times \square}$$

$$= _____$$

Answer _____

Part 1 · You do

Write $\frac{2x}{3} + \frac{x}{5}$ as a single fraction.

$$\frac{2x \times \square}{3 \times \square} + \frac{x \times \square}{5 \times \square}$$

$$= _____$$

Answer _____

Part 1 · You do

Write $\frac{4x}{5} - \frac{x}{3}$ as a single fraction.

$$\frac{4x \times \square}{5 \times \square} - \frac{x \times \square}{3 \times \square}$$

$$= _____$$

Answer _____

Part 2 · We do

Write $\frac{2}{x} + \frac{1}{3}$ as a single fraction.

$$\frac{2 \times \square}{x \times \square} + \frac{1 \times \square}{3 \times \square}$$

$$= _____$$

Answer _____

Part 2 · You do

Write $\frac{5}{x} + \frac{2}{3}$ as a single fraction.

$$\frac{5 \times \square}{x \times \square} + \frac{2 \times \square}{3 \times \square}$$

$$= _____$$

Answer _____

Part 2 · You do

Write $\frac{4}{x} - \frac{1}{2}$ as a single fraction.

$$\frac{4 \times \square}{x \times \square} - \frac{1 \times \square}{2 \times \square}$$

$$= _____$$

Answer _____