Algebraic Fractions

N5 Maths Exam Questions

Source: 2019 P2 Q15 N5 Maths

(1) Express

$$\frac{4}{x-2} - \frac{3}{x+5}, \quad x \neq 2, x \neq -5$$

as a single fraction in its simplest form.

Source: 2018 P2 Q15 N5 Maths

(2) Express

$$\frac{n}{n^2 - 4} \div \frac{3}{n-2}, \quad n \neq -2, n \neq 2$$

as a single fraction in its simplest form.

Source: 2017 P1 Q11 N5 Maths

(3) Express $\frac{3}{a^2} - \frac{2}{a}$, $a \neq 0$, as a single fraction in its simplest form.

(4) Express

$$\frac{3}{x-2}+\frac{5}{x+1}, \qquad x \neq 2, x \neq -1$$

as a single fraction in its simplest form.

(5) Simplify $\dfrac{x^2-4x}{x^2+x-20}$.

(6) Express $\dfrac{5t}{s} \div \dfrac{t}{2s^2}$ in its simplest form.