

# Partial Fractions

## Q1

Express

$$\frac{3x+3}{(x-1)(x+2)}$$

in partial fractions.

[6]

## Q2

Write in partial fractions

$$\frac{x}{x^2 - 5x + 6}$$

[6]

### Q3

Express as partial fractions

$$\frac{5x + 2}{x^2 - 4}$$

[6]

## Q4

Express  $\frac{2x^2 - 9}{x(x-2)}$  in partial fractions.

[9]

## Q5

Express

$$\frac{2x^2 - 3x - 29}{x^2 - x - 6}$$

in partial fractions.

[9]