

## 1 More in Mathematics

$$\int_2^4 \lim_{2 \rightarrow 4}$$

$$\int_0^{\infty} f(x) dx$$

$$\lim_{x \rightarrow c} f(x) = L$$

$$\begin{bmatrix} 1 & 2 \\ 3 & 4 \end{bmatrix} + \begin{bmatrix} 5 & 6 \\ 7 & 8 \end{bmatrix} = \begin{bmatrix} 6 & 8 \\ 10 & 12 \end{bmatrix}$$

## 2 Equations

$$3x + 5y = 2 \tag{1}$$

$$5x + 8y = 3 \tag{2}$$

$$x^2 - y^2 = (x + y)(x - y) \tag{3}$$

$$3x - 6 = 9 \tag{4}$$

$$3x = 9 + 6$$

$$x = \frac{9 + 6}{3}$$

$$x = 5$$