### 2.7 Starting Six

Write 50 as a product of prime factors
Work out $3 \frac{2}{3} \div 1 \frac{3}{7}$

Find the nth term of the sequence:

$$
2,5,8,11
$$

What is the $20^{\text {th }}$ term in the sequence?

Expand and simplify

$$
(2 x+1)(x+3)
$$

Factorise: $4 a-6 a^{2}$

Factorise: $x^{2}-3 x-10$

### 2.7 Starting Six

Write 50 as a product of prime factors

Work out $3 \frac{2}{3} \div 1 \frac{3}{7}$

Find the nth term of the sequence:

$$
2,5,8,11
$$

What is the $20^{\text {th }}$ term in the sequence?

Expand and simplify

$$
(2 x+1)(x+3)
$$

Solve: $\frac{3 x}{2}=x+5$

Factorise: $4 a-6 a^{2}$

Factorise: $x^{2}-3 x-10$

