### 3.7 Starting Six

Work out $2 \frac{3}{5} \div 1 \frac{1}{4}$
Work out the size of the missing angle between the square and 14 sided polygon


A sequence has an $n$th term of $2 n^{2}+5$

Find the $20^{\text {th }}$ term in the sequence

Expand and simplify

$$
(x+3)(x+2)(x-2)
$$

Factorise: $30 x^{2}-12 x y$

Factorise: $x^{2}-25$

### 3.7 Starting Six

Work out $2 \frac{3}{5} \div 1 \frac{1}{4}$
Work out the size of the missing angle between the square and 14 sided polygon


Solve: $\frac{3 x-1}{3}=\frac{2 x+4}{5}$
Find the $20^{\text {th }}$ term in the sequence

Expand and simplify
$(x+3)(x+2)(x-2)$
Factorise: $30 x^{2}-12 x y$

Factorise: $x^{2}-25$

