## ${ }^{4.3}$ Starting Six

Work out $1 \frac{1}{3}+\frac{3}{4}+\frac{5}{12}$

Work out the size of the interior angle in a decagon.

Work out the nth term of the sequence
Solve: $3 x-3=\frac{9 x-1}{2}$
$3,8,13,18,23$

Is 147 a term in this sequence?
You must explain your reasoning.

Expand and simplify
$(2 x-1)(3 x-4)$

Factorise: $3 a-18-12 b$

Factorise: $x^{2}+6 x-40$

## ${ }^{4.3}$ Starting Six

Work out $1 \frac{1}{3}+\frac{3}{4}+\frac{5}{12}$

Work out the size of the interior angle in a decagon.

Work out the nth term of the sequence
Solve: $3 x-3=\frac{9 x-1}{2}$
$3,8,13,18,23$

Is 147 a term in this sequence?
You must explain your reasoning.

Expand and simplify
$(2 x-1)(3 x-4)$

Factorise: $3 a-18-12 b$

Factorise: $x^{2}+6 x-40$

