

**19th March**

Corbettmaths

Expand and simplify

$$(x - 4)^3$$

Write as a fraction

$$1.2\dot{6}$$

Write as a single fraction

$$\frac{1}{x+1} + \frac{4}{x-2}$$

A sequence has an  $n$ th term of

$$\frac{n + 11}{6n - 12}$$

Which term in the sequence has a value of  $\frac{1}{3}$ 

Write down the exact value of

$$\tan 30^\circ + \tan 60^\circ$$