

Name: \_\_\_\_\_

5-a-day

Higher Plus



19th March

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 nth 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

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

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