

15th December

Corbettmaths

The line passing through (1, p) and (5, 1) has a gradient of 0.75
Find p.

Rationalise and simplify

$$\frac{15}{7\sqrt{5}}$$

$f(x) = 3x + a$
 $g(x) = ax + 2$
 $fg(x) = -6x + b$
a and b are constants

Work out the values of a and b

A quadratic sequence is

200 254 304 350 ...

Work out the nth term

Which term of the sequence is the first negative number?