

8th Jan



Corbettm@ths

Simplify

$$\frac{18x^{\frac{5}{4}}}{6x}$$

Find the equation of the straight line passing through B(-2, 8) and C(1, 0).

Give your answer in the form  $ax + by + c = 0$

where a, b and c are integers.

Express  $3x^2 + 12x + 13$  in the form  $a(x + b)^2 + c$

Shown is a sketch of the graph  $y = f(x)$ .

- (a) Sketch  $2f(x)$   
(b) Sketch  $f(x + 1)$

Label known coordinates

