

KEY

Algebraic Simplification Exercise
100300421

$$\text{For } x \neq 6, \frac{x^2 - 11x + 30}{x - 6}$$

$$= \frac{(x-5)(x-6)}{x-6} = x-5.$$

$$\text{Therefore, } f(12) = 12 - 5 = 7.$$

(end of document)