

KEY

Algebraic Simplification Exercise
100300425

$$\text{For } x \neq 15, \frac{x^2 - 18x + 45}{x - 15}$$

$$= \frac{(x-15)(x-3)}{x-15} = x-3.$$

$$\text{Therefore, } f(17) = 17 - 3 = 14.$$

(end of document)