

KEY

Algebraic Simplification Exercise
100300429

$$\text{For } x \neq 35, \frac{x^2 - 39x + 140}{x - 35}$$

$$= \frac{(x-4)(x-35)}{x-35} = x-4.$$

$$\text{Therefore, } f(12) = 12 - 4 = 8.$$

(end of document)