

KEY

Algebraic Simplification Exercise
100300424

$$\text{For } x \neq 8, \quad \frac{x^2 - 9x + 8}{x - 8}$$

$$= \frac{(x-1)(x-8)}{x-8} = x-1.$$

$$\text{Therefore, } f(9) = 9-1 = 8.$$

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