

Evaluating Functions

Card A

$$f(x) = 2x$$

$$f(\square) = \square$$

$$g(x) = x + 3$$

$$g(\square) = \square$$

$$h(x) = 10 - x$$

$$h(\square) = \square$$

$$k(x) = 3x - 8$$

$$k(\square) = \square$$

$$j(x) = \frac{1}{2}x - 1$$

$$j(\square) = \square$$

Evaluating Functions

Card B

$$f(x) = |7 - 2x|$$

$$f(\square) = \square$$

$$g(x) = \sqrt{x} + 4$$

$$g(\square) = \square$$

$$h(x) = \sqrt{x + 8}$$

$$h(\square) = \square$$

$$k(x) = x(x - 2)$$

$$k(\square) = \square$$

$$j(x) = 4 - x^2$$

$$j(\square) = \square$$

Evaluating Functions

Card C

$$f(x) = \frac{2}{3}x - 1$$

$$f(\square) = \square$$

$$g(x) = |2x - 7|$$

$$g(\square) = \square$$

$$h(x) = x^2 - 3x + 5$$

$$h(\square) = \square$$

Write two functions $k(x)$ and $j(x)$ for which the remaining 4 tiles will make true expressions.

$$k(x) = \underline{\hspace{2cm}}$$

$$k(\square) = \square$$

$$j(x) = \underline{\hspace{2cm}}$$

$$j(\square) = \square$$