

Exit Tickets Week of 3.6

Monday:

What error did Isaac make? Fix his error.

Isaac says the domain of $f(x) = \sqrt{x + 5}$ is $[5, \infty)$.

Tuesday:

What error did Owen make? Fix his error.

Owen evaluated $f(-2)$ using $f(x) = -2x^2 + 3x - 11$.

His answer was $16 - 6 - 11 = -1$.

Wednesday:

Draw the following parent function graphs:

Linear, quadratic, exponential, cubic, cube root, square root, absolute value, rational, logarithmic

Thursday:

Graph this piecewise function:

$$f(x) = \begin{cases} -x + 4, & \text{if } x < -5 \\ x^2 - 3, & \text{if } -5 \leq x < 5 \\ |x - 2| + 3, & \text{if } x \geq 5 \end{cases}$$