



Name

Score

Find the domain and range of square root functions. Show all steps.

$$f(x) = \sqrt{x}$$

$$f(x) = \sqrt{x+5}$$

$$f(x) = \sqrt{x-5}$$

$$f(x) = \sqrt{x+5} + 2$$

$$f(x) = \sqrt{x+5} - 2$$

$$f(x) = -\sqrt{x}$$

$$f(x) = 5\sqrt{x}$$

$$f(x) = 5\sqrt{x-3} + 2$$

$$f(x) = -5\sqrt{x}$$

$$f(x) = 5 - \sqrt{x+3}$$



Find the domain and range of square root functions. Show all steps.

Domain:  $[0, \infty)$

Range:  $[0, \infty)$

Domain:  $[-5, \infty)$

Range:  $[0, \infty)$

Domain:  $[0, \infty)$

Range:  $[-5, \infty)$

Domain:  $[-5, \infty)$

Range:  $[2, \infty)$

Domain:  $[-5, \infty)$

Range:  $[-2, \infty)$

Domain:  $[0, \infty)$

Range:  $(-\infty, 0]$

Domain:  $[0, \infty)$

Range:  $[0, \infty)$

Domain:  $[3, \infty)$

Range:  $[2, \infty)$

Domain:  $[0, \infty)$

Range:  $(\infty, 0]$

Domain:  $[-3, \infty)$

Range:  $(-\infty, 5]$