

Parent Functions Quiz

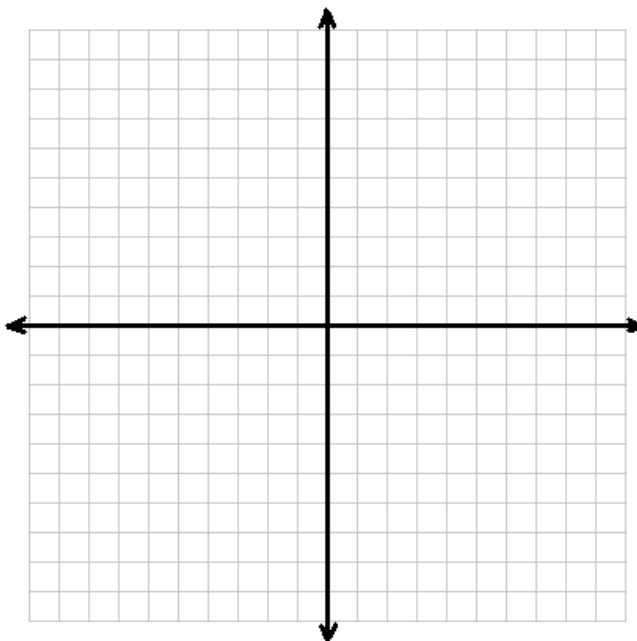
Name: _____

Date: September 26, 2023

Provide a minimum of 5 key points for the following parent functions, sketch their graphs, draw/label any asymptotes and state their domain/range:

$$y = x^2 \text{ (quadratic)}$$

(x, y)
(,)
(,)
(,)
(,)
(,)

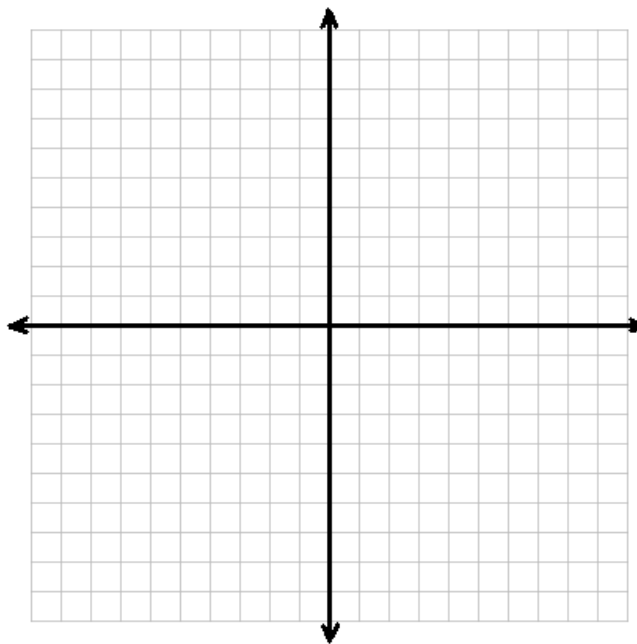


Domain =

Range =

$$y = \frac{1}{x} \text{ (reciprocal)}$$

(x, y)
(,)
(,)
(,)
(,)
(,)
(,)
(,)
(,)

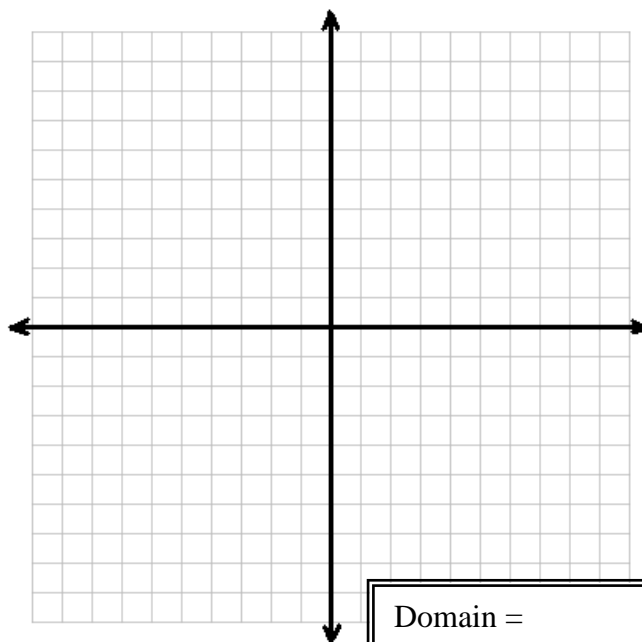


Domain =

Range =

$$y = x^3 \text{ (cubic)}$$

(x, y)
(,)
(,)
(,)
(,)
(,)

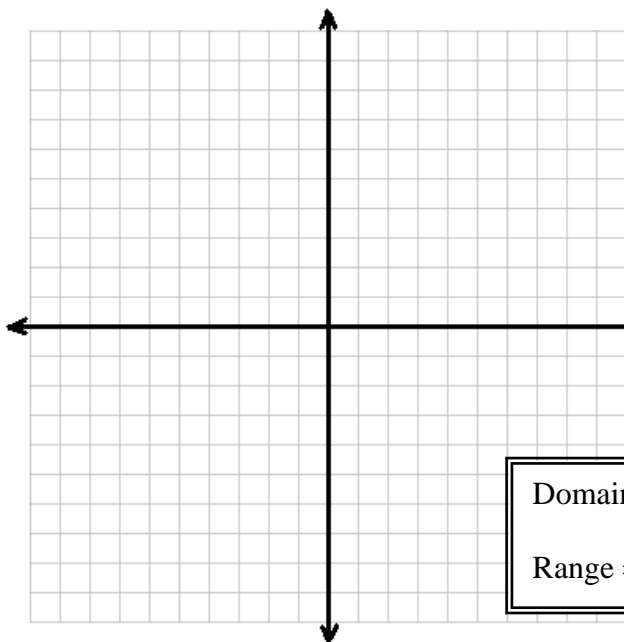


Domain =

Range =

$$y = |x| \text{ (absolute value)}$$

(x, y)
(,)
(,)
(,)
(,)
(,)

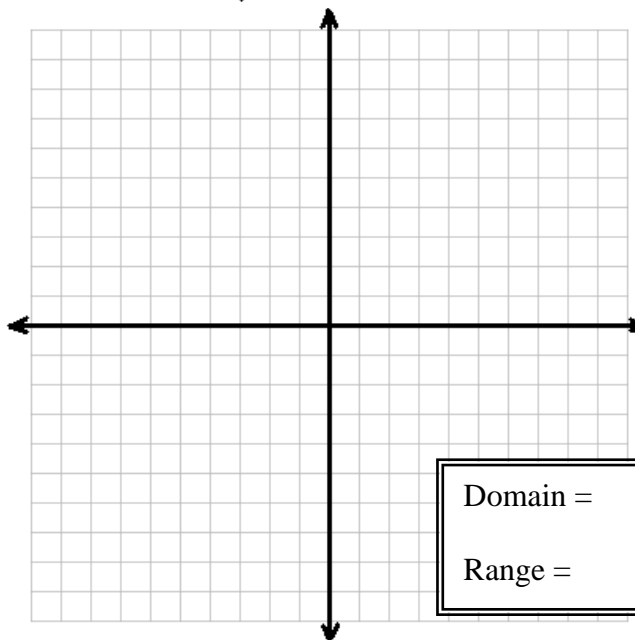


Domain =

Range =

$$y = \sqrt{x} \text{ (square root)}$$

(x, y)
(,)
(,)
(,)
(,)
(,)



Domain =

Range =