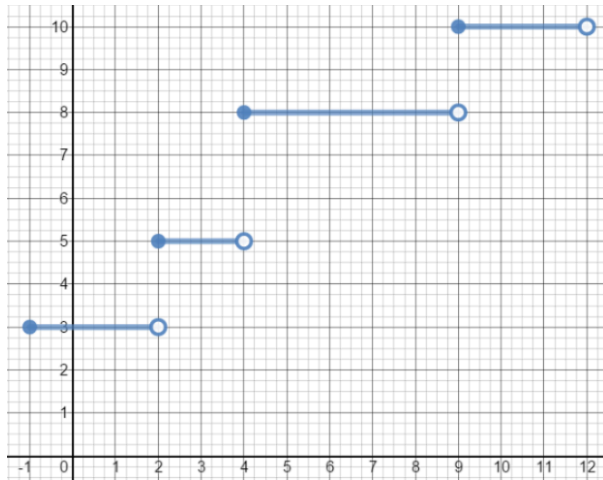


Graph absolute value, piecewise, and step functions #2

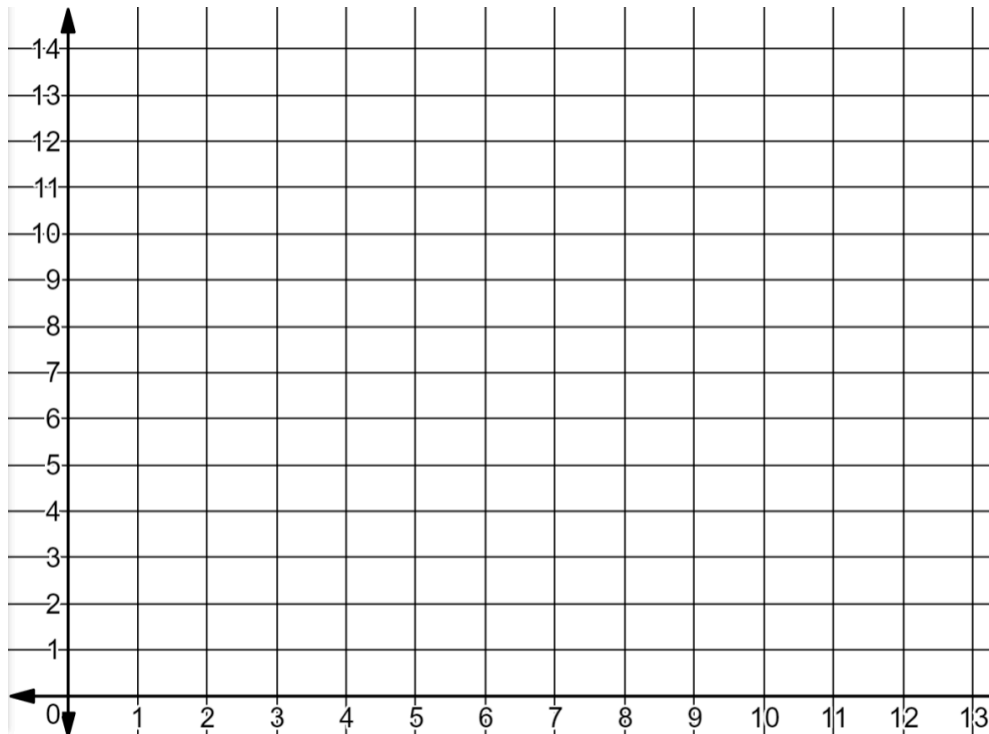
Name: _____ Date: _____

Purpose: Be able to recognize graphs of absolute value, piecewise, and step functions.

1. What do the open circles represent? Why are there closed circles?



2. A parking garage has weekend rates of \$3.00 per hour with an \$8.00 maximum for 12 hours. Make sure you label your axes.

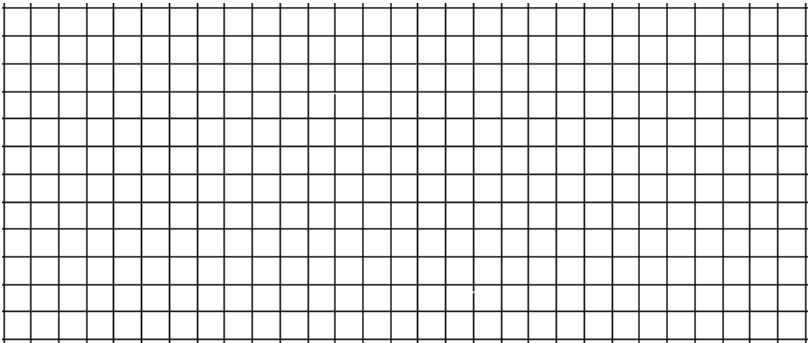


Graph absolute value and piecewise functions #2

Purpose: Be able to recognize graphs of absolute value, piecewise, and step functions.

John Ball Zoo's admission depends on the age of the visitor and on the time of year. Use the table below and choose one of the time frames to create a step-function that shows the price of admission.

	Spring March 1 - May 8	Summer May 9 - Sept 13	Winter Sept 14 - Nov 1
Adults (ages 13 - 61)	7.00	10.00	7.00
Seniors (ages 62 and older)	6.50	9.00	6.50
Children (ages 2 - 12)	6.00	8.00	6.00
Children (under 2)	Free	Free	Free



Determine what type of function is graphed: absolute value, piecewise, step, linear, exponential, or quadratic

