INV 3.3 A   Wild World Admission Prices   Pg 71-73

Liz and Theo want to visit Wild World with their friends. Theo checks if the **park offers special prices for groups larger than 3 people.** He finds this information on the park's Web site: <u>Study the pricing rule</u>
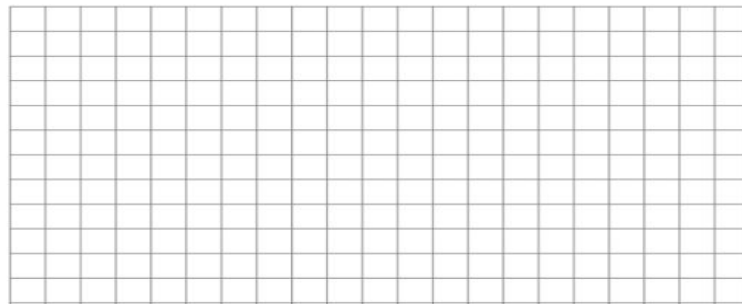
Then, complete the table below to show the admission price for groups of size 4, 8,12, 16, 20, 24, 28, 32, 36, and 40 people.

Wild World Admission Prices

Number in Group	4	8	12	16	20	24	28	32	36	40
Regular										
Group										

Sketch a graph of the data on the coordinate grid below.

Wild World Admission Prices

Describe the pattern of change that shows up in the table and graph.

How do you calculate the admission price for a group with any number of people?
    Regular:

    Group:

Write an equation relating admission price p to group size n.
    Regular:

    Group: