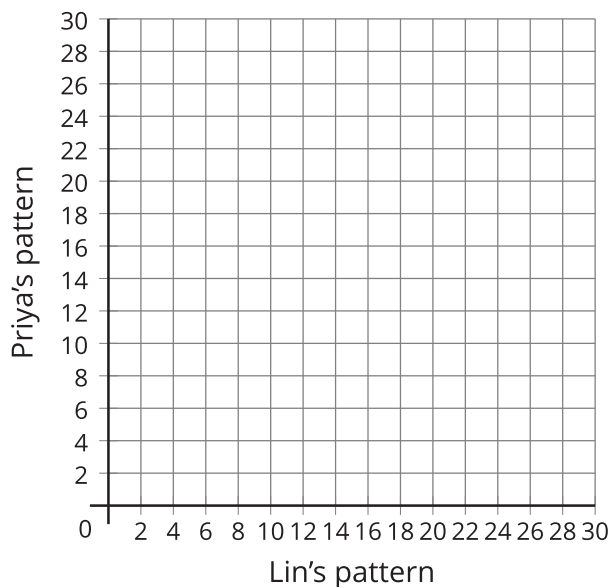# Shapes on the Coordinate Plane: Section C Checkpoint

1. Lin and Priya create patterns with these rules. Lin's rule is start with 0 and keep adding 2. Priya's rule is start with 0 and keep adding 4.
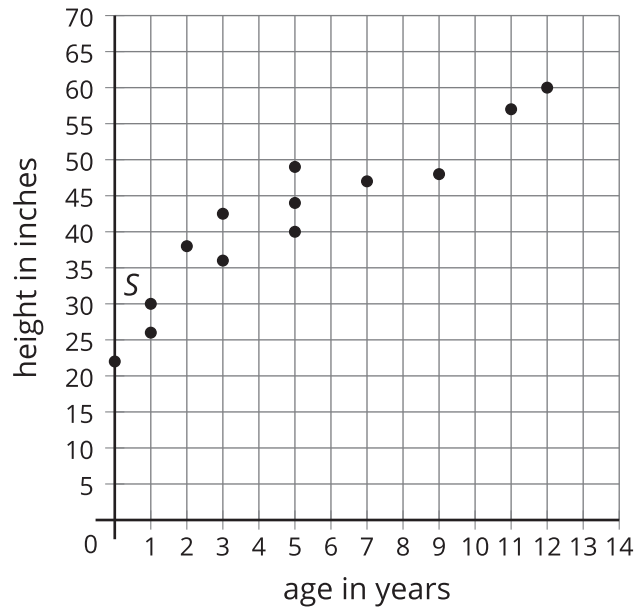
Lin	0	2	4	6	8	10
Priya	0	4	8	12	16	20

a. What number will be on Priya's list when Lin's number is 26? Explain or show your reasoning.

b. What number will be on Lin's list when Priya's number is 240? Explain or show your reasoning.

c. Plot the points from the table on the coordinate grid.

2. Here is some data for the height and age of children in Clare's neighborhood.

a. Clare's brother is 5 years old and has a height of 49 inches. Label the point that represents Clare's brother B.

b. The point S represents Clare's sister. How tall is Clare's sister? How old is Clare's sister?

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