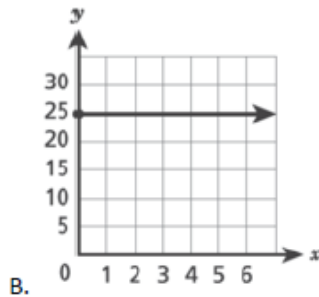
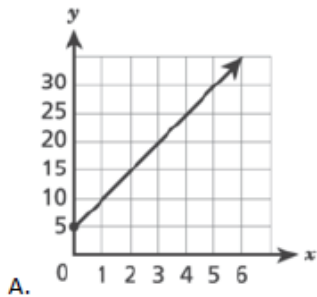


Name: _____

HW # _____

1. If 1 inch represents 50 miles on a map, then how many inches will represent 1800 miles?
2. The length of a highway is 600 miles. If 1 inch represents 75 miles, what is the length of the highway on the map?
3. A model of a skyscraper is made so that 1 inch represents 75 feet. What is height of the actual building if the height of the model is 1835 inches?
4. Mariel and John are creating scale drawings of their classroom. Mariel uses the scale 2 inches represents 5 feet of the classroom. John uses the scale 1 inch represents 30 inches of the classroom. Based on this information, whose scale drawing will be larger? Justify your response.
5. Find the constant of proportionality in each example:
 - a. 405 rotations in 15 minutes
 - b. \$72 for 12 servings
 - c. (10,40)
 - d. $y = 8x$
6. Which representation below shows a proportional relationship between x and y ?



C.

x	y
2	8
4	16
8	24
12	32

D.

x	y
2	3
4	6
8	12
12	18

7. Which ordered pair below could be on the same line as point N if the line would be proportional?

- A. (6,0) B. (2,3) C. (1.5, 0) D. (7.5, 5)

