

Name \_\_\_\_\_

Date \_\_\_\_\_

## Linear Function Word Problems - Guided Lesson Explanation

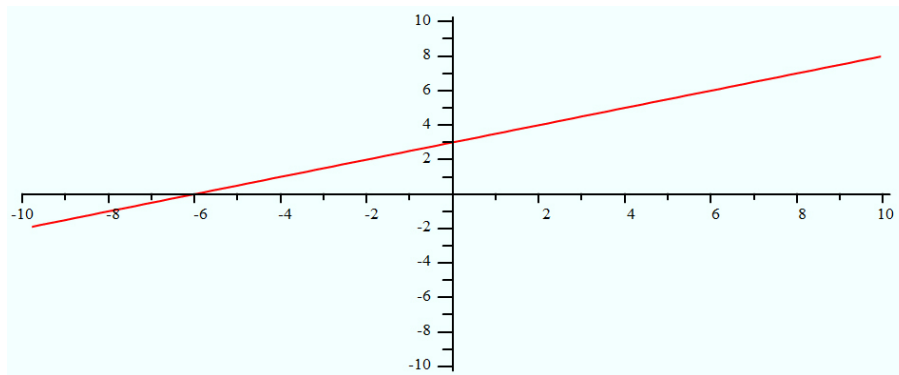
### Explanation#1

Initial length = 3 mm

Weekly growth =  $3.5 - 3 = 0.5$

$$y = 0.5x + 3$$

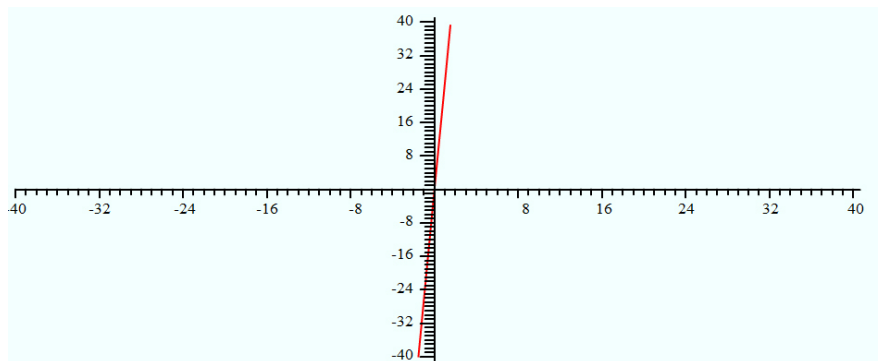
Step 3)



### Explanation#2

$$y = 0.3x + 20$$

$$y = 0.3 \cdot 20 + 20 = \$26$$



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### Explanation#3

$$y = 0.6 x$$

Time Capacity

1     0.6

2     1.2

3     1.8

4     2.4

Step 3)

