

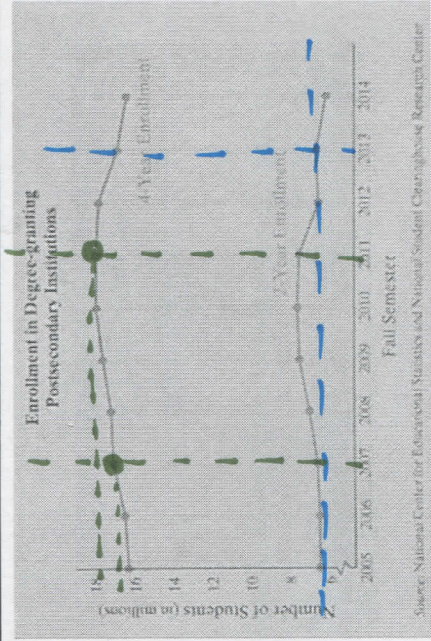
TASK 2: The following graph shows the 2-year and 4-year enrollments in postsecondary institutions as **functions of time**. The bold part tells you what your x and y represent in the data.

$f(\text{time})$ $x = \text{time}$
almost 7 million enrollments

a) Approximate the 2-year enrollment in 2013.

b) In Fall 2007, the enrollment in 4-year colleges was 17.1 million students. Find the increase in 4-year college enrollments from Fall 2007 to Fall 2011.

≈ 0.8 million enrollments



TASK 3: Given a function

Use the function $f(x) = 0.19x + 10.5$ to estimate the total full-time enrollment in degree-granting postsecondary institutions for fall of 2015. (HINT: what does the x represent and what does the $f(x)$ represent?)

$$x = 10$$

$$f(10) = 0.19(10) + 10.5 = 12.4$$

In 2015, about 12.4 million were enrolled in full-time postsecondary institutions.

Reminders to myself for this lesson:

$$f(x) = y$$

$$(x, y)$$

Still need help with: