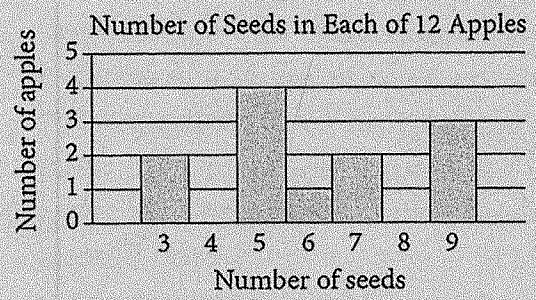
SAT SLOT WEEK 5 SEMESTER 2 **I can interpret graphs and graphics to solve problems.**

CALCULATOR ALLOWED!

Mathematician: Key

Wednesday



Based on the histogram above, of the following, which is closest to the average (arithmetic mean) number of seeds per apple?

A) 4

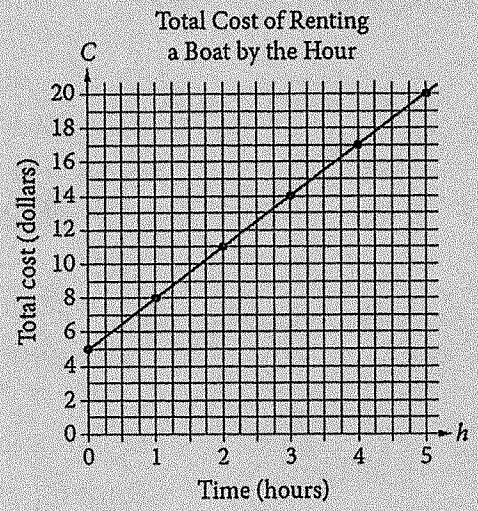
B) 5

C) 6

D) 7

Show work to show how you solved this problem:

Thursday



The graph above displays the total cost C, in dollars, of renting a boat for h hours.

What does the C-intercept represent in the graph?

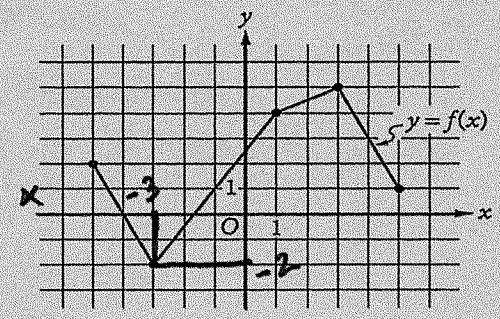
A) The initial cost of renting the boat

B) The total number of boats rented

C) The total number of hours the boat is rented

D) The increase in cost to rent the boat for each additional hour

Friday



The complete graph of the function f is shown in the xy-plane above. For what value of x is the value of $f(x)$ at its minimum?

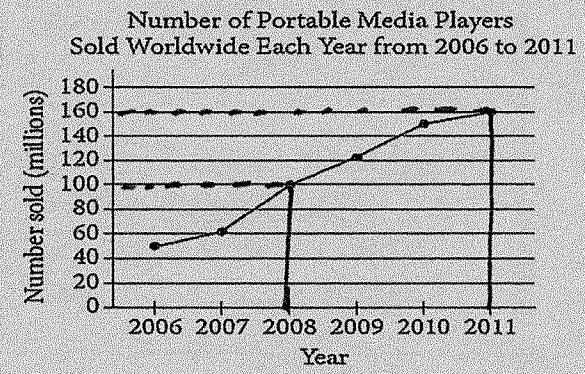
the lowest point on the graph.

A) −5

B) −3

C) −2

D) 3



According to the line graph above, the number of portable media players sold in 2008 is what fraction of the number sold in 2011 ?

Times

$\frac{100}{160} = \frac{5}{8}$ of those sold in 2011