

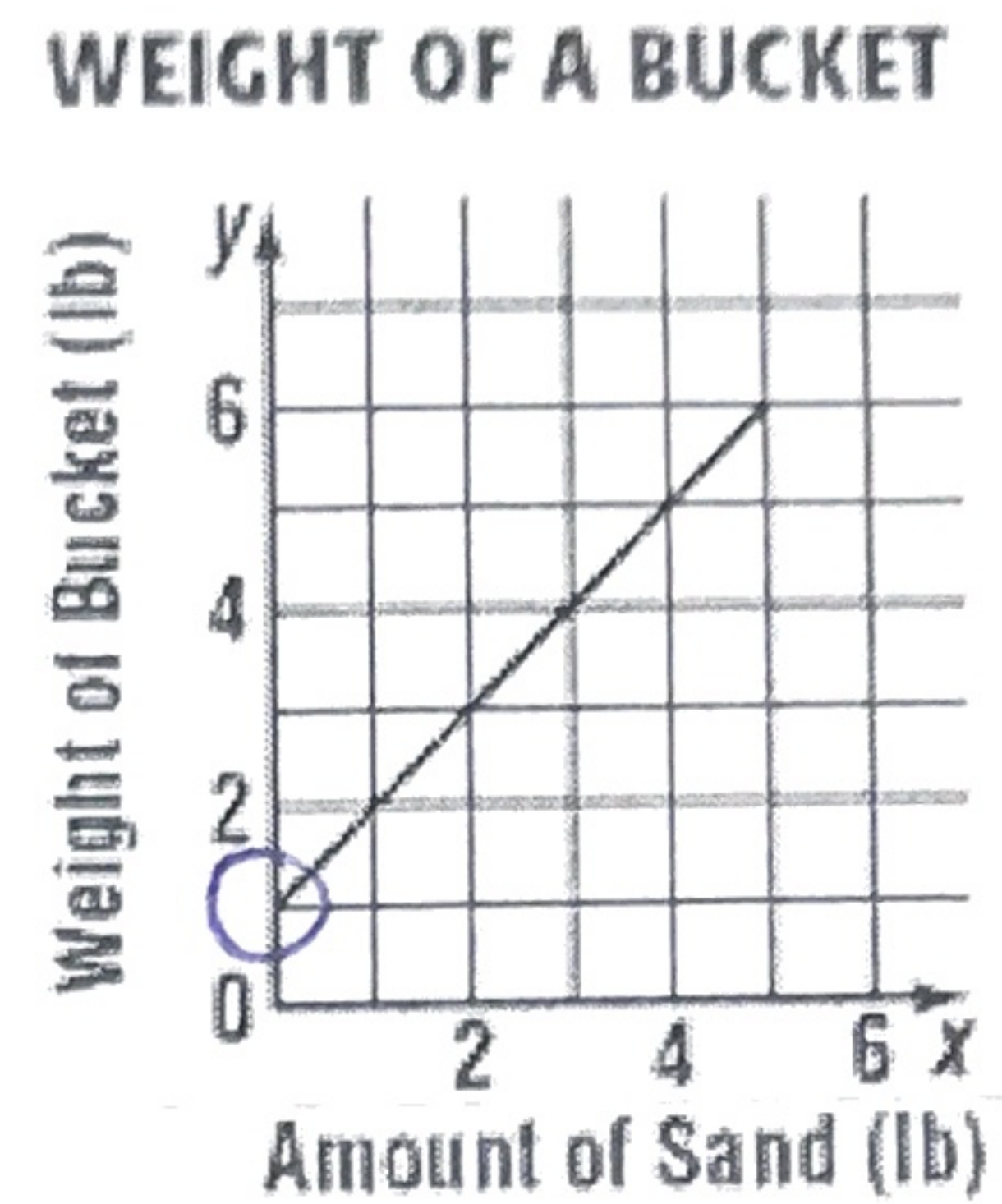
1 The graph below displays the amount a music download store customer pays per month.



What does the y-intercept indicate?

- A. The cost of a song is \$10.
- B. The cost of a song is \$2.
- C. The subscription fee is \$10.**
- D. The subscription fee is \$2.

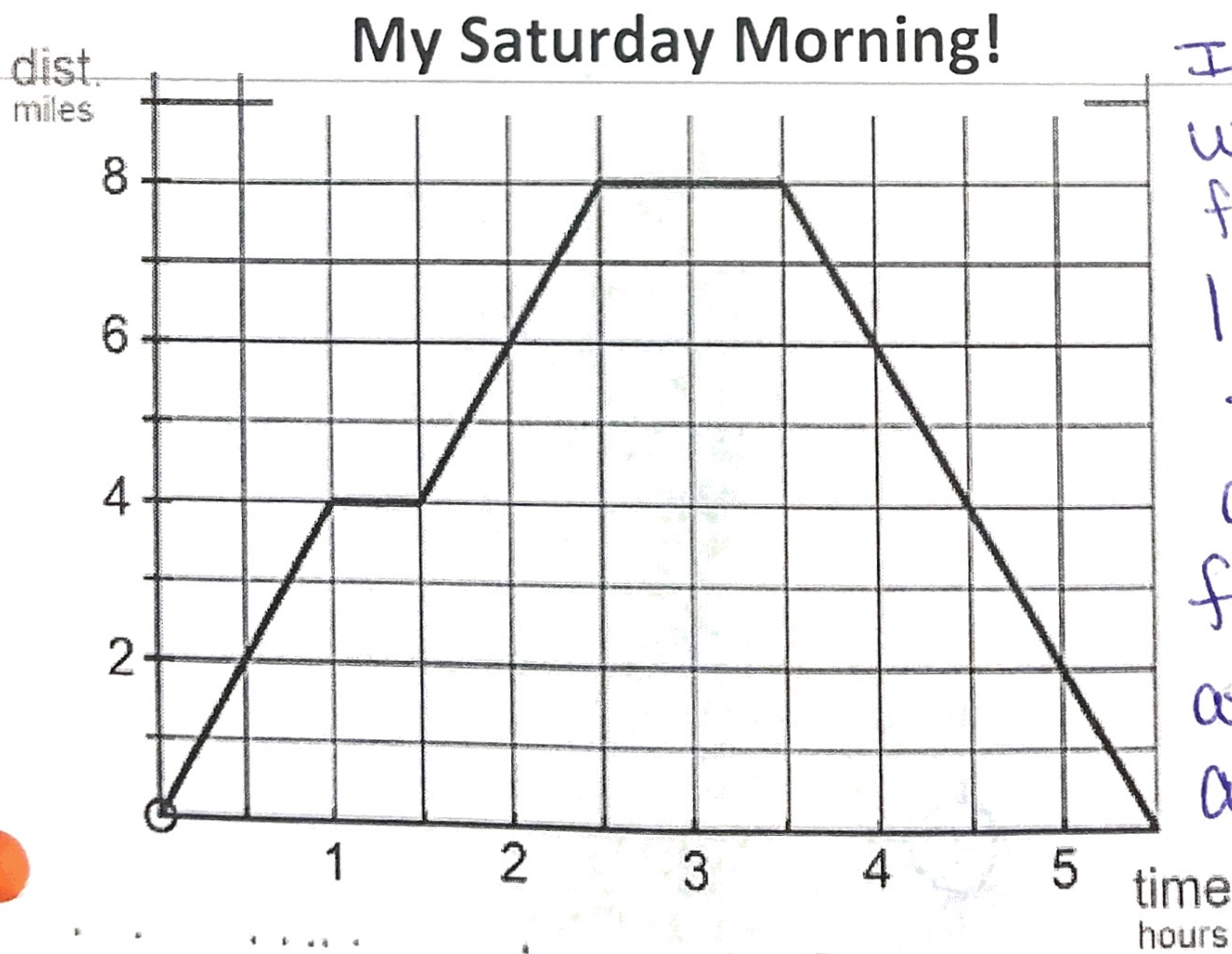
2 The graph below shows the weight of a bucket as it is filled with sand.



What is the weight of the empty bucket?

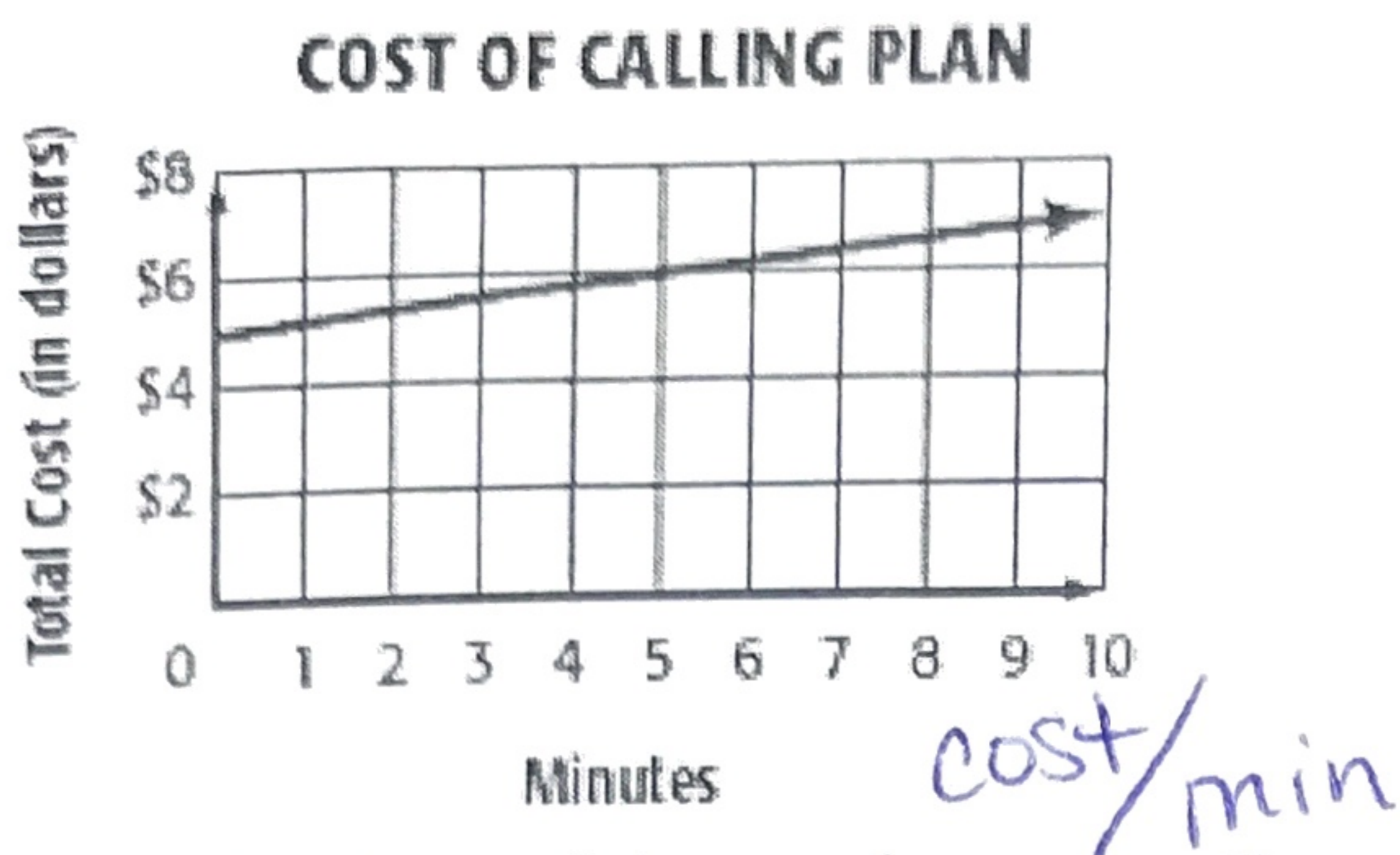
- F. 0 pounds
- G. 1 pound**
- H. 2 pounds
- I. 6 pounds

3. Tell a story that fits the graph. Make sure you give the rates to help explain the story.



I woke up at 7am & started walking to the donut shop for breakfast. It took me 1 hour to walk the 4 miles to the shop. I sat and ate the donuts. Then my friend called & said she was at the coffee shop 4 miles away so I started walking there. We sat & talked for an hour. When she found out I was walking everywhere she offered me a ride home. Unfortunately there was a wreck so traffic CRAWLED & it took 2 hours to get the 8 miles home.

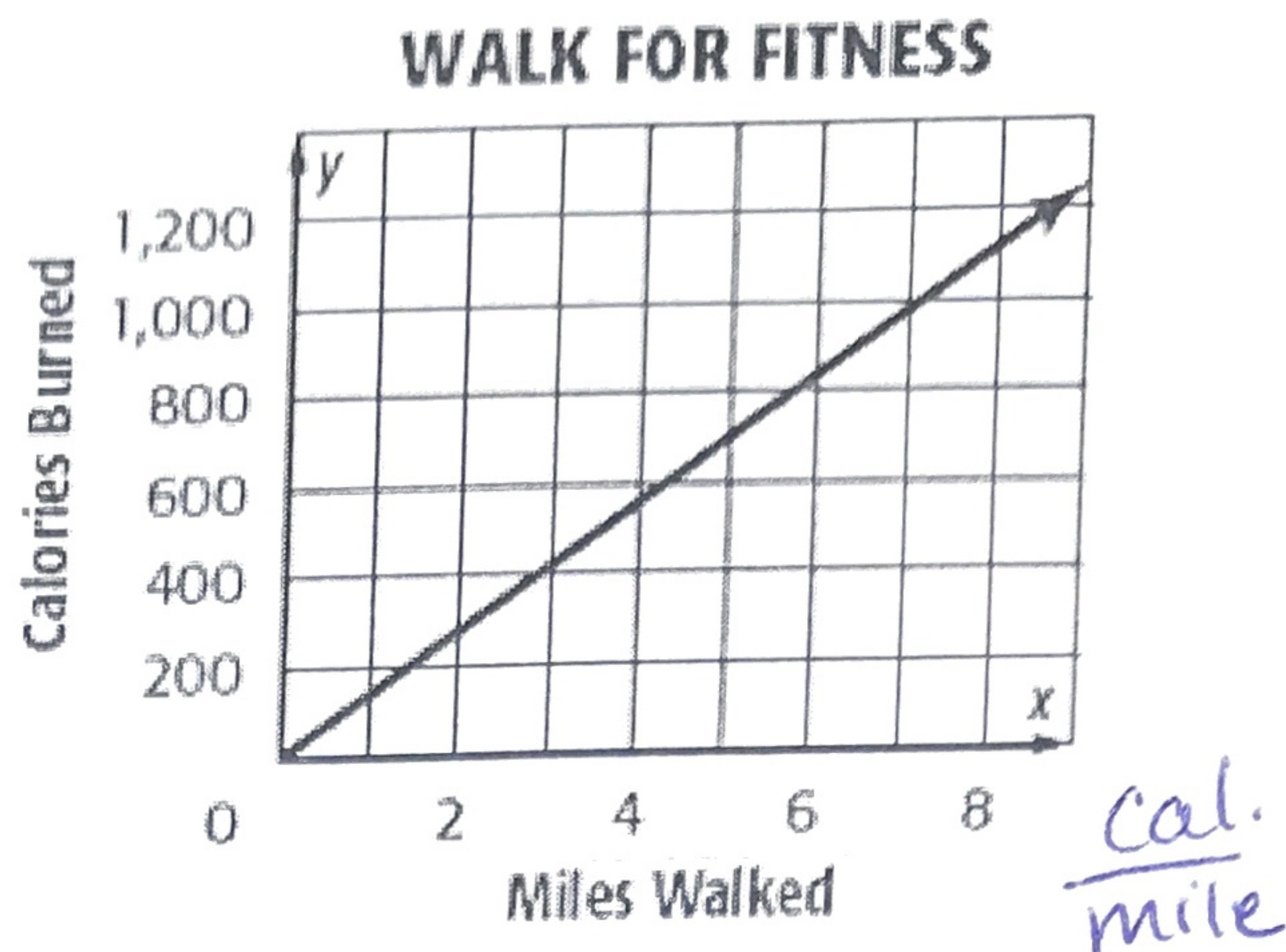
4. The graph below shows the monthly cost of a long-distance calling plan.



What does the slope of the graph represent?

- A. the cost of zero minutes of calls
 B. the cost per additional minutes of long-distance calls
 C. the total cost of long-distance calls
 D. the number of minutes \$1 can buy

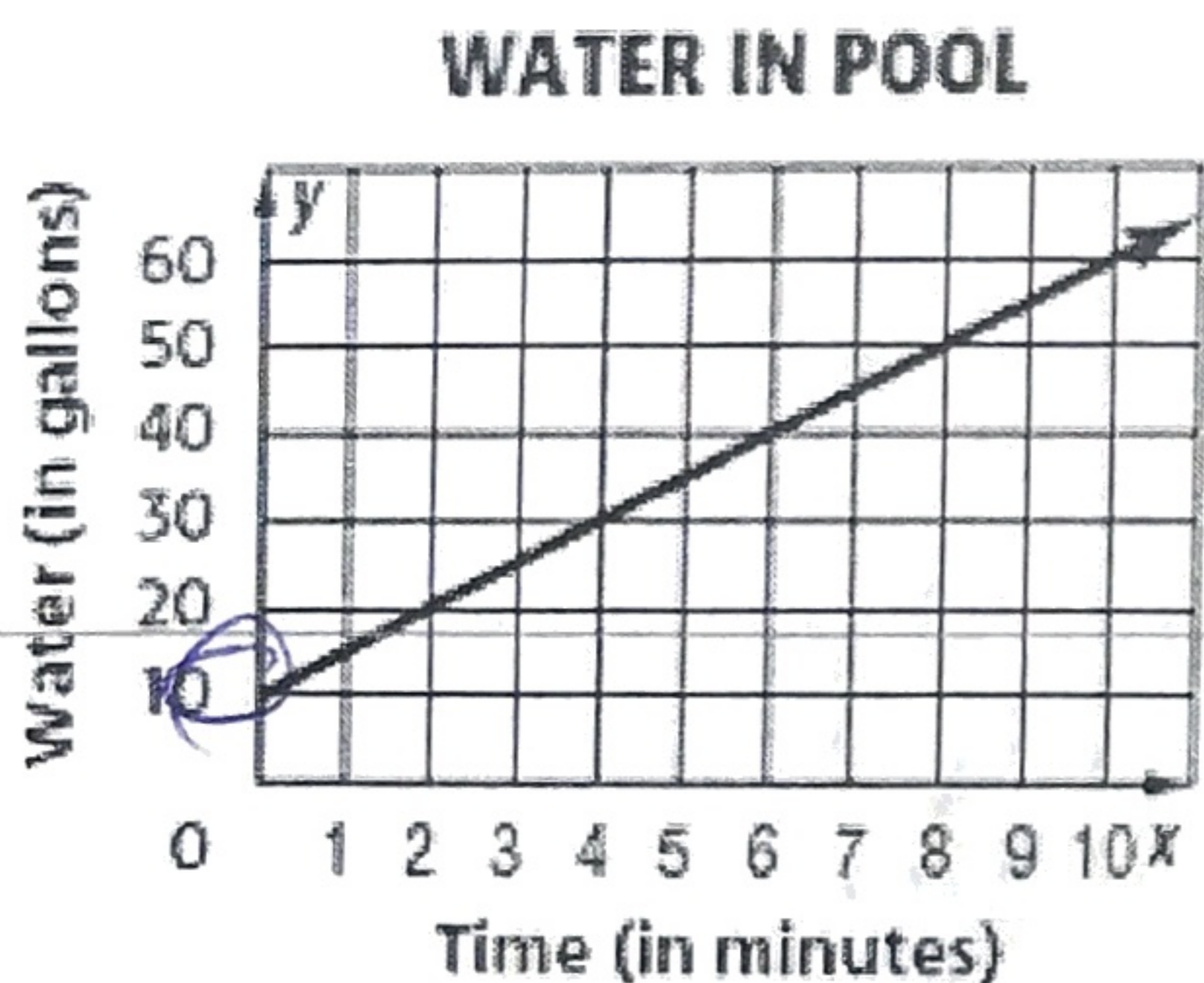
5. Linda saw the following graph in a fitness magazine.



Which does the slope of the graph represent?

- A. total calories burned
 B. total distance walked
 C. calories burned per mile walked
 D. miles walked per hour

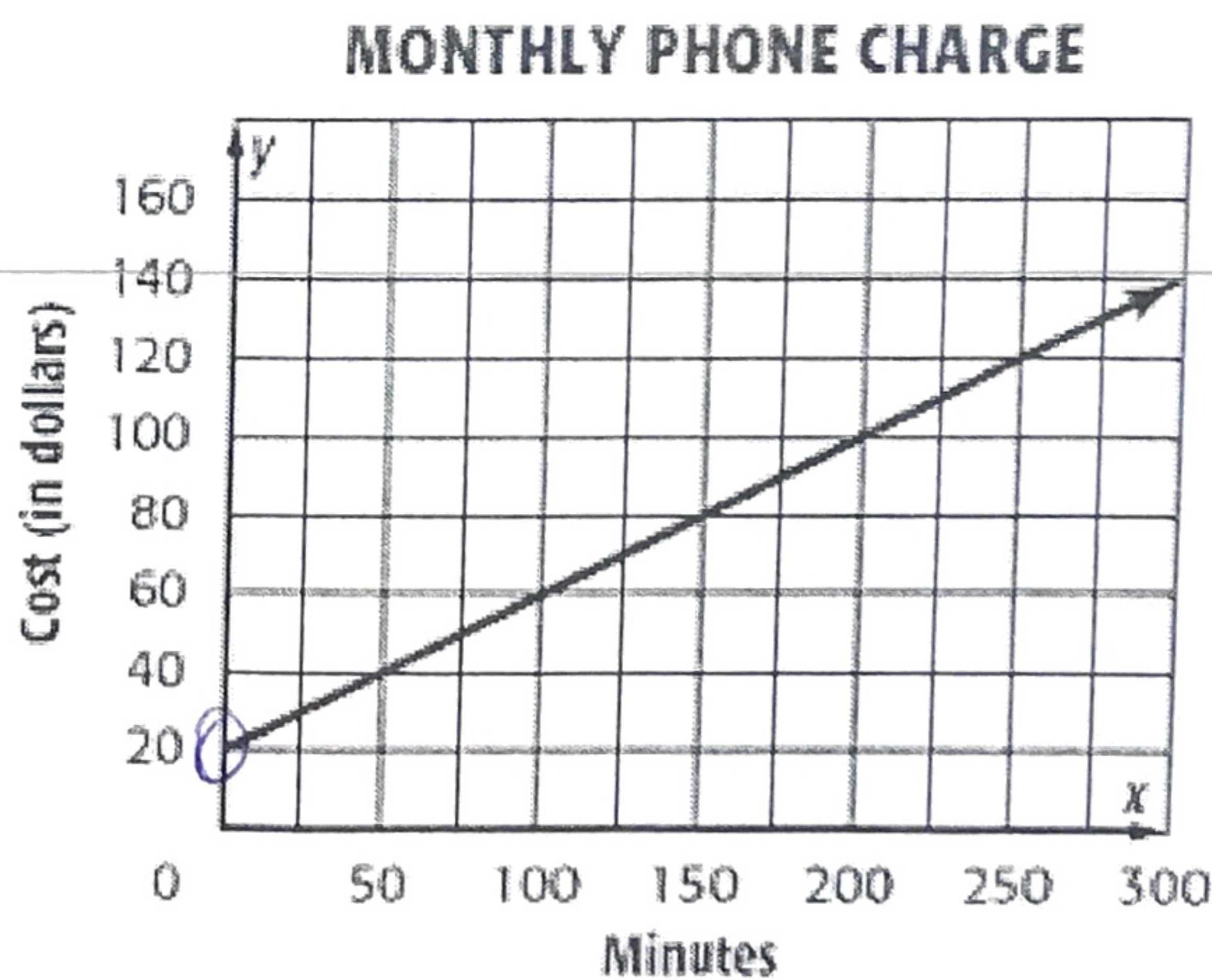
6. Ramon is adding water to his swimming pool. The graph below shows the amount of water in the pool as more water is added.



What does the y-intercept represent?

- A. the additional gallons of water added per minute
 B. the total time needed to fill the pool
 C. the amount of water in the pool before more water was added
 D. the total amount of water needed to fill the pool

7. The graph below represents the amount Samira pays for her cell phone service: a monthly fee plus a charge for each minute she uses her phone.



What does the y-intercept indicate?

- A. Her monthly fee is \$0.
 B. Her rate per minute is \$0.40.
 C. Her monthly fee is \$20.
 D. Her rate per minute is \$0.20.

8. Explain why a x-intercept would not make sense in the context of #4, 6, and 7.

They would all be negative & negative time (minutes) doesn't exist