

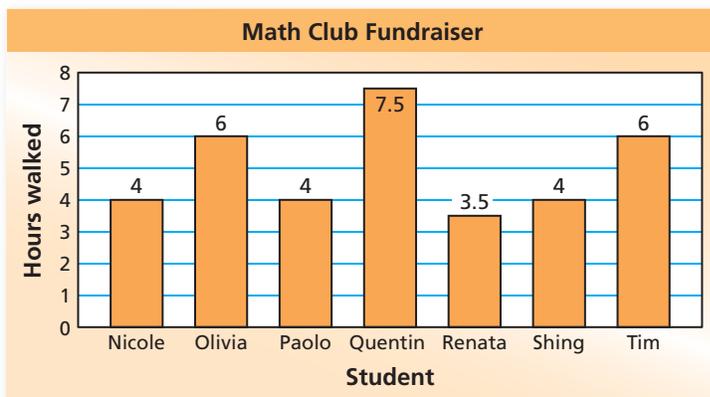


5. Betty was simplifying the expression in the box below.

$$\begin{aligned} -|8 + (-13)| &= -(|8| + |-13|) \\ &= -|8 + 13| \\ &= -|21| \\ &= -21 \end{aligned}$$

What should Betty do to correct the error that she made?

- F. Simplify  $-|8 + (-13)|$  to get  $-|-5|$ .
- G. Find the opposite of  $|21|$ , which is 21.
- H. Find the absolute value of 8, which is  $-8$ .
- I. Distribute the negative sign to get  $|-8 + (-13)|$ .
6. The students from the Math Club participated in a long-distance walk as a fundraiser. The number of hours each club member took to complete the walk is shown in the bar graph below.



What is the mean number of hours the club members took to complete the walk?

- A. 3.5 h
- B. 4 h
- C. 5 h
- D. 7.5 h
7.  A lighting store is holding a clearance sale. The store is offering discounts on all the lamps it sells. As the sale progresses, the store will increase the percent of discount it is offering.

You want to buy a lamp that has an original price of \$40. You will buy the lamp when its price is marked down to \$10. What percent discount will you have received?

