

- a. Write an equation that can be used to find m , the number of miles Nora has left to complete on the trail.
- b. Use your equation from part (a) to find the total number of miles Nora has left to complete on the trail. Show your work.
- c. Nora wants to ride half the number of miles she has left and then take a break. How many more miles will Nora ride before she takes a break? Show or explain how you got your answer.

Nora rode 18.5 miles long! She has already ridden 7.36

$$\begin{array}{r} 18.5 \\ - 7.36 \\ \hline 11.14 \end{array}$$

Part A

$$18.5 - 7.36 = m$$

Part B

Now Nora has 11.14 miles left to do

$$m = 11.14 \text{ miles}$$

$$\begin{array}{r} 11.14 \\ - 7.36 \\ \hline 3.88 \end{array}$$

I did $18.5 - 7.36$ because when I saw the number it was 18.5 then it went down to 7.36 so I knew I have to subtract then I made an equation which looks like this $18.5 - 7.36 = m$ now it said half so I knew she is always going to ride 7.36 miles so I did $11.14 - 7.36$ so now I know every 3.88 miles she is going to take a break

Nora is riding her bicycle on a trail that is 18.5 miles long. She has already ridden 7.36 miles of the trail.

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$$\textcircled{B} \quad \begin{array}{r} 18.50 \\ - 7.36 \\ \hline 11.16 \end{array}$$

$$\textcircled{A} \quad \begin{array}{r} 18.5 \\ - 7.36 \\ \hline \end{array}$$

$$\begin{array}{r} \frac{17}{2} \\ 5.58 \\ 2 \overline{) 11.16} \\ \underline{- 10} \\ 11 \\ \underline{- 10} \\ 16 \\ \underline{- 16} \\ 0 \end{array}$$

\textcircled{C} 5.58
I showed
my work

Nora is riding her bicycle on a trail that is 18.5 miles long. She has already ridden 7.36 miles of the trail.

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- Use your equation from part (a) to find the total number of miles Nora has left to complete on the trail. Show your work.
- Nora wants to ride half the number of miles she has left and then take a break. How many more miles will Nora ride before she takes a break? Show or explain how you got your answer.

a. $18.5 - 7.36 = m$

b.
$$\begin{array}{r} 18.50 \\ - 7.36 \\ \hline 11.14 \end{array}$$

c.
$$\begin{array}{r} 11.14 \\ - 5.57 \\ \hline 5.57 \end{array}$$

~~$$\begin{array}{r} 11.14 \\ - 5.57 \\ \hline 5.57 \end{array}$$~~

~~$$\begin{array}{r} 11.310 \\ - 1.114 \\ \hline 10.196 \end{array}$$~~

$$\frac{1}{2} \times 11.14$$

~~$$\begin{array}{r} 11.14 \\ - 5.57 \\ \hline 5.57 \end{array}$$~~

~~$$\begin{array}{r} 11.14 \\ + 11.14 \\ \hline 22.28 \end{array}$$~~