



Here is Whitney's working out.

$$\begin{array}{ccc}
 + 5 & \begin{array}{c} \swarrow \\ \searrow \end{array} & \begin{array}{c} 5 \text{ miles} \approx 8 \text{ km} \\ 10 \text{ miles} \approx 13 \text{ km} \end{array} & \begin{array}{c} \swarrow \\ \searrow \end{array} & + 5
 \end{array}$$

Explain Whitney's mistake.

Whitney is incorrect because it is not just adding you need to like $20 \text{ miles} = 32 \text{ km}$ but that's plus 12

1a. Sam has planned his walk on a map.



Approximately, how far is his walk in km?

56km

PS

2a. Lucy says,



Is she correct? Explain your answer.

Lucy is incorrect because 1 mile equals 1.6 km and $1 \times 35 = 35$ but the $6 \times 35 = 210 = 2.1$ so you add the 2 to the 3 to get 50 then you add the 1 to the 5 to get 51 and if you add them together you get 56 km

3a. Iqra is planning a cycling trip.

She wants to arrive in Windemere, which is 45 miles from her starting point, by 6pm.

She has travelled 56 km by 2pm.

Approximately, how many miles does she have left?

Iqra has 10 miles left