

you make it sooo. >...<

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11/25/15

- 1) 550m from DHS to shoppers  
440m to windys from shoppers  
then back to DHS.

$$550m + 440m = 990m$$

$$990m + 990m = 1980m$$

The distance walked is 1980m

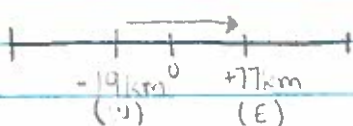
- 2) a) 400m track 25 laps.

$$400m \cdot 25 = 10,000m$$

You ran 10,000m. → The distance is 10,000m

b) the displacement is 0 if you start & finish in the same place.

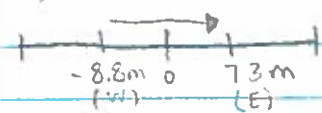
- 3) Find:  $\Delta d$



$$\begin{aligned} \Delta d &= d_f - d_i \\ &= 77km - (-19) \\ &= +96km (E) \end{aligned}$$

The displacement is 96km (E)

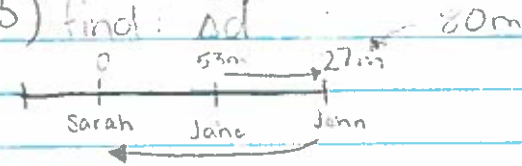
- 4) find:  $\Delta d$



$$\begin{aligned} \Delta d &= d_f - d_i \\ &= 7.3m - (-8.8m) \\ &= 16.1m (E) \end{aligned}$$

The displacement is 16.1m (E)

- 5) find:  $\Delta d$



$$\begin{aligned} \Delta d &= d_f - d_i \\ &= 0 - 80m \\ &= 80m (W) \end{aligned}$$

The displacement is 80m (W)