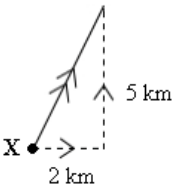
Orienteering course

This task is about using vectors to show movement.

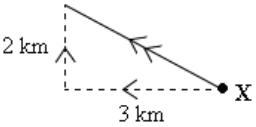
Harold is doing an orienteering course.
X marks the place where he starts each new section of the course.

a) First Harold runs 2 kilometres east then 5 kilometres north.



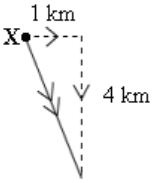
Write the vector which best describes his movement. $\begin{pmatrix} & \end{pmatrix}$

b) Then he runs 3 kilometres west and 2 kilometres north.



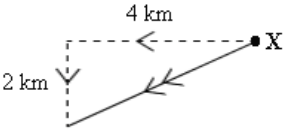
Write the vector which best describes Harold's movement. $\begin{pmatrix} & \end{pmatrix}$

c) Next Harold runs 1 kilometre east and 4 kilometres south.



Write the vector which best describes his movement. $\begin{pmatrix} & \end{pmatrix}$

d) Finally, he runs 4 kilometres west and 2 kilometres south.



Write the vector which best describes Harold's movement. $\begin{pmatrix} & \end{pmatrix}$

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