Note guide: Using Math to Find Components

1   Find the (x) component of a resultant vector 85.42 unit, 130°.

2   What is the (x) component of a vector 12.3 m, 10.0°?

3   Calculate the (y) component of a resultant 32.5 m/s, 350.0°.

4   You move 26 m at an angle of 40.0°. (a) How far south of your starting point are your (in other words, what is the (y) component)? (b) How far west are you?(x) component.

PHYSICS