

Al Moattasem International School

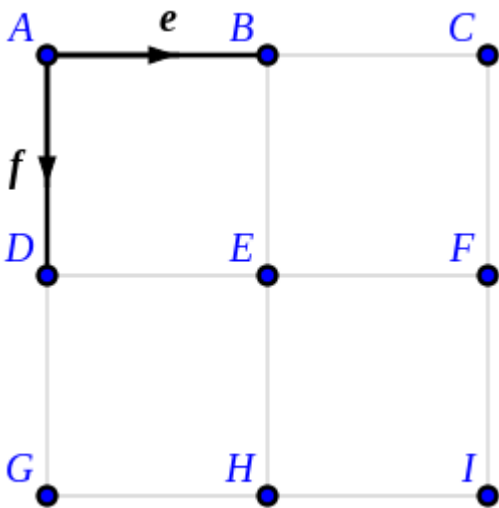
Jubail

Level 9 - Revision Work Sheet 2

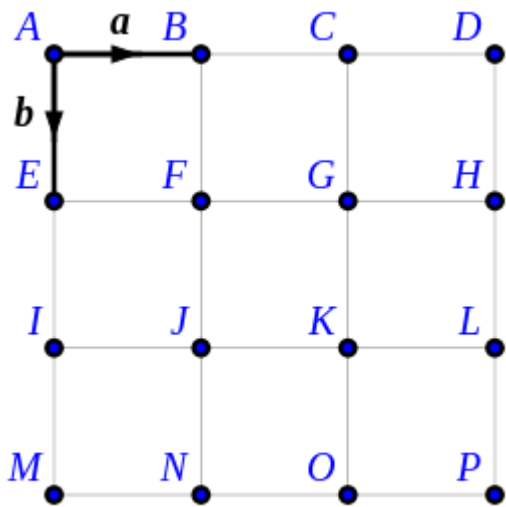
Chapter 8

Topic – Vectors on a Grid

1) Using the diagram below, express the vector \vec{DC} in terms of \mathbf{e} and \mathbf{f} .

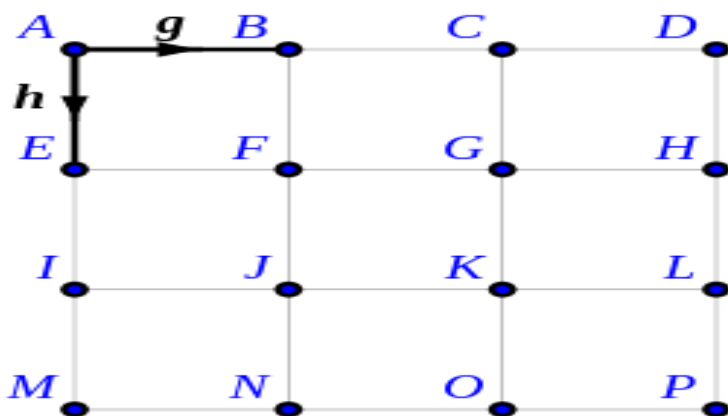


2) Using the diagram below, express the vector \vec{NB} in terms of \mathbf{a} and \mathbf{b} .

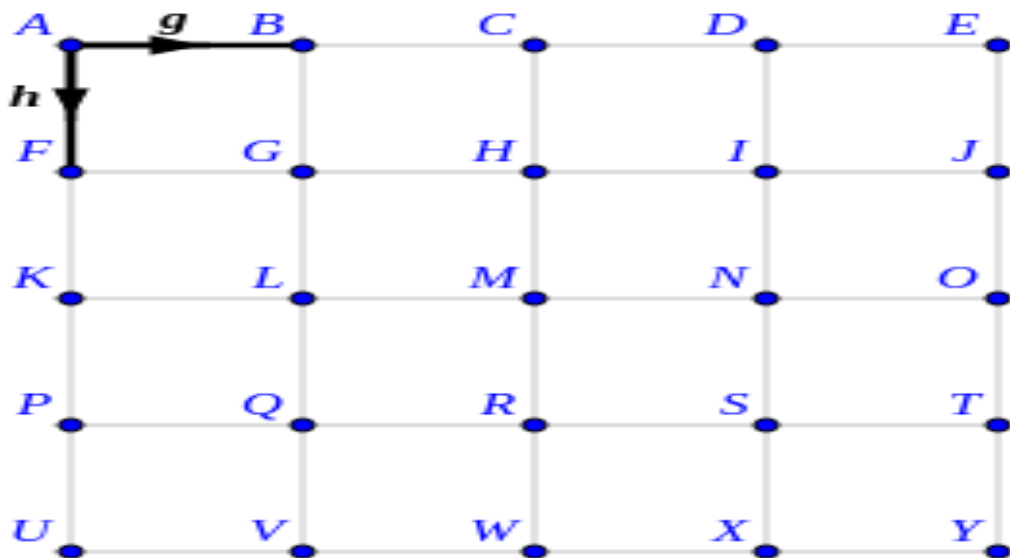


3) Find the vector formed when the vector $-\mathbf{3g}-\mathbf{3h}$ is added to point P.

Write the vector as capital letters e.g. \vec{AB} .



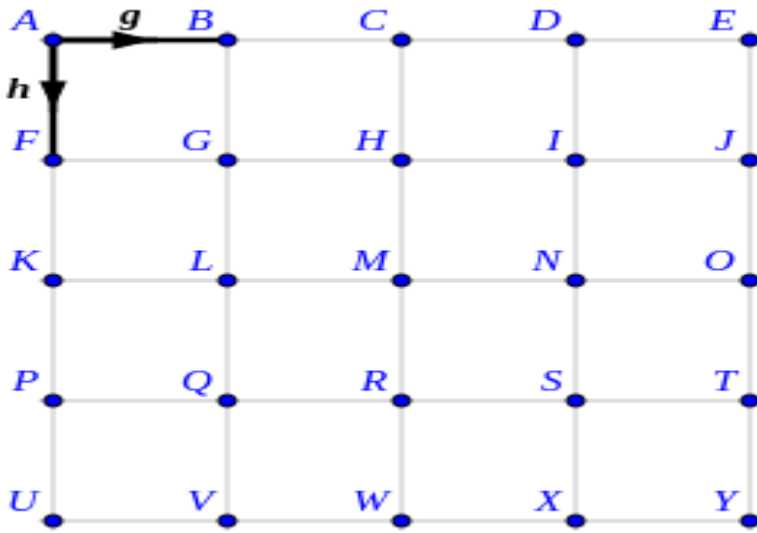
4) In the diagram below, $\vec{AB} = \mathbf{g}$ and $\vec{AF} = \mathbf{h}$.



Express the following vectors in terms of \mathbf{g} and \mathbf{h} .

- a) \vec{UV} b) \vec{KU} c) \vec{TD} d) \vec{YG}

5) In the diagram below, $\vec{AB} = \mathbf{g}$ and $\vec{AF} = \mathbf{h}$.



Express the following vectors in terms of \mathbf{g} and \mathbf{h} .

a) \vec{WV}

b) \vec{AU}

c) \vec{VS}

d) \vec{XQ}