## N4 Applications of Maths - Bearings

1. Copy and complete this compass diagram to show the eight main compass points.

2. Copy and complete this table:

|  | I am facing | I turn | I am now facing |
| :---: | :---: | :---: | :---: |
| a | North | $90^{\circ}$ clockwise |  |
| b | West | $45^{\circ}$ clockwise |  |
| c | South | $180^{\circ}$ clockwise |  |

3. Write these compass directions as 3-figure bearings (e.g. 045).
a. South
b.West
c.East
d.North-West
e.South-East
f.North
g.North-East
h.South-West
4. Copy and complete the table.

|  | I am facing | I turn | I am now facing |
| :---: | :---: | :---: | :---: |
| a | North | $045^{\circ}$ |  |
| b | West | $270^{\circ}$ |  |
| c | South | $180^{\circ}$ |  |
| d | South -East | $135^{\circ}$ |  |
| e | North -West | $090^{\circ}$ |  |
| f | East | $315^{\circ}$ |  |

