

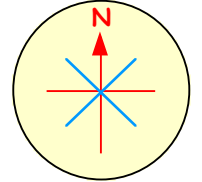
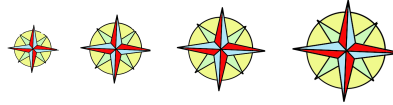
Mathematics Assessment (CfE) - Level 2

(MTH 2 - 17c)

Through practical activities which include the use of technology, I have developed my understanding of the link between compass points and angles and can describe, follow and record directions, routes and journeys using appropriate vocabulary.

You will need a ruler, a protractor and a pencil for this assessment.

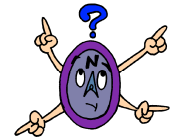
1. Copy and complete this compass points diagram, filling in all 8 directions.



2. How many degrees are there between :-

- a North and West
- b S and SE
- c NE and SW ?

- 3. a I face NW. I turn 90° clockwise. What direction am I now facing ?
- b I face SE. I make a quarter turn anticlockwise. What direction am I now facing ?
- c I face SW. I make a three quarter turn anti-clockwise. What direction am I now facing ?
- d I face NE. I make a 225° clockwise turn. What direction am I now facing ?
- e I face SW. I turn anticlockwise to face East.
How many degrees did I turn ?

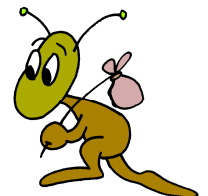


A plane takes off from an airport and flies 10 km North then 10 km west then 10 km south.

- a How far has the plane flown in total ?
- b How far away is the plane from the airport at this point ?

- 5. A brainy bug crawls 5 cm North.
It then turns NE and crawls for 4 cm.
It then turns SE and crawls for 3 cm.

Use a ruler and protractor to draw an accurate diagram of the bug's journey ?



6. Measure and write down the bearing of each town from **Exton**.

