



FUNCTIONAL SKILLS MATHEMATICS

AQA | Edexcel | City & Guilds | Open Awards | NCFE | Highfield

Level 1

Angles and Bearings

Materials

- You **cannot** use a calculator for **questions** with this symbol.



Instructions

- Answer **all** questions.
- Answer questions on separate paper.

Information and Advice

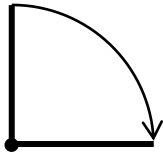
- The marks for each question are shown in brackets – use this as a guide on how long to spend on each question.
- Read each question carefully before you answer it.
- Check you answers.



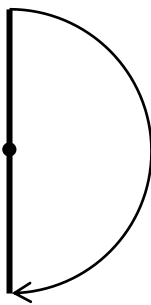
Q1

The diagrams below show how far a line has moved from a fixed point.

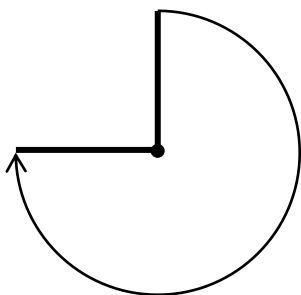
Match up the diagrams to the number of degrees the line has turned.



270°



90°



180°

[3 marks]

3

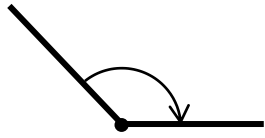
Turn over ►



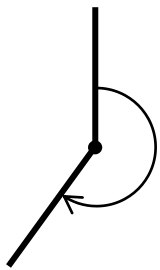
Q2

The diagrams below show 4 different types of angles.

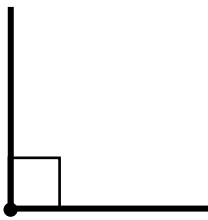
Match up each diagram to its correct name.



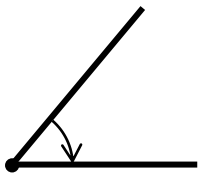
Right angle



Obtuse



Reflex



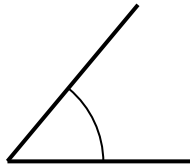
Acute

[4 marks]



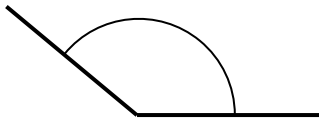
Q3 Measure the angles between the lines in the following questions, using a protractor.
Find the angle and state whether it is acute, obtuse, reflex or a right angle.

3(a)



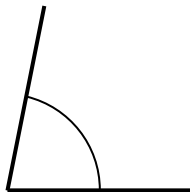
[2 marks]

3(b)



[2 marks]

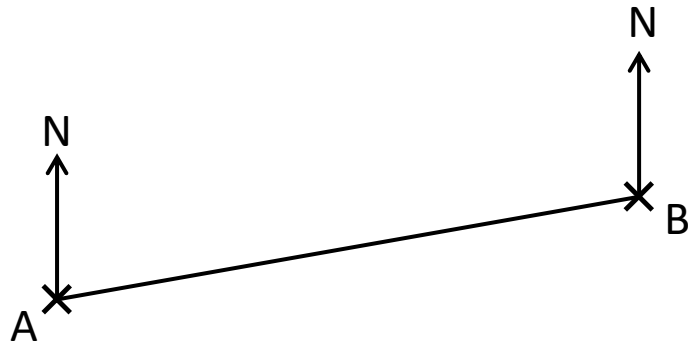
3(c)



[2 marks]



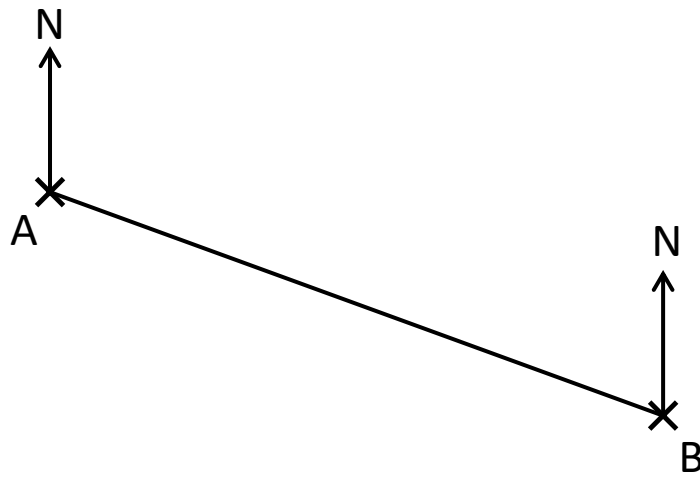
Q4 Find the bearing of B from A.



[1 mark]



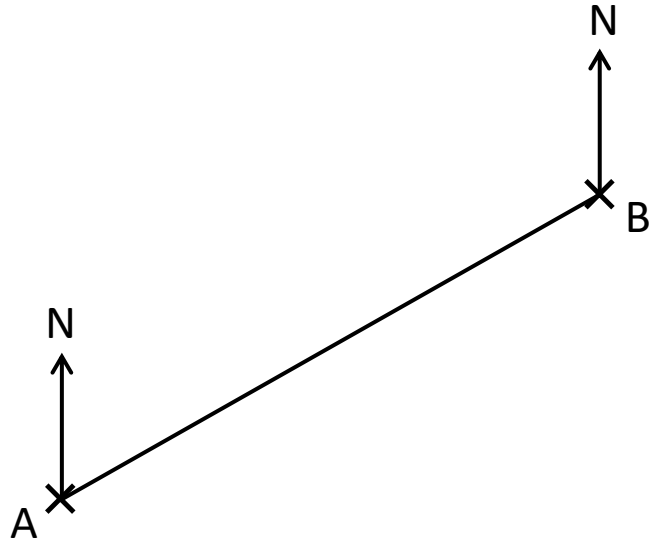
Q5 Find the bearing of B from A.



[1 mark]



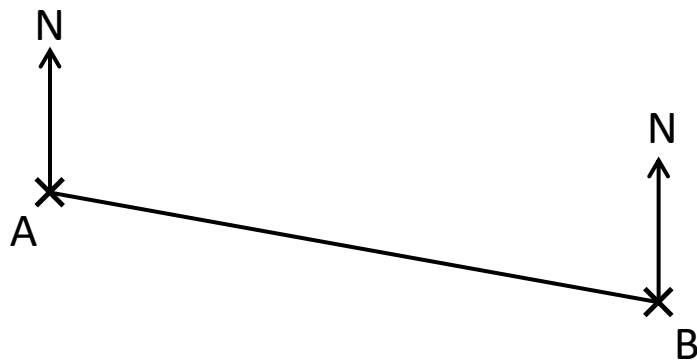
Q6 Find the bearing of A from B.



[1 mark]



Q7 Find the bearing of A from B.



[1 mark]