



Functional Skills and GCSE Foundation

Edexcel

Unit 2: Measure, shape and space Lesson 6 - Angle facts

FS1

FS2

GCSE


iGCSE

Bring to join in:

A compass (for directions) if possible, a protractor, a calculator, 2 rulers or straight items long enough to cross over

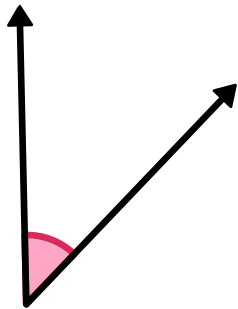
Start thinking:

**Caz is facing East.
They turn clockwise to face
North.
How many degrees does Caz turn
through?**

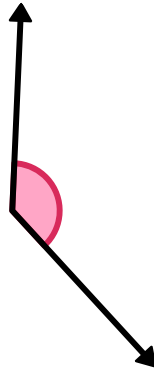


A large empty rectangular box for writing the answer.

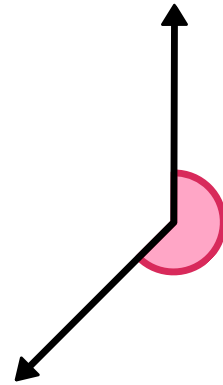
A.....



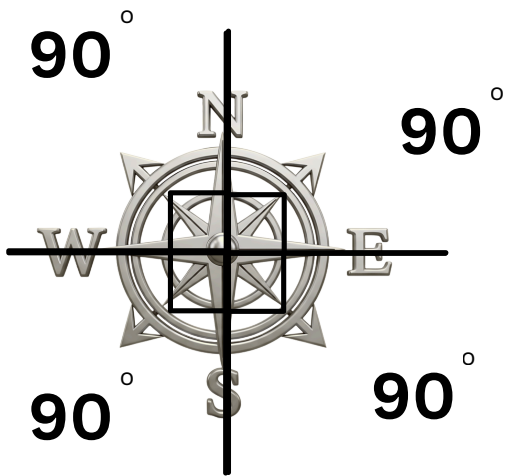
O.....



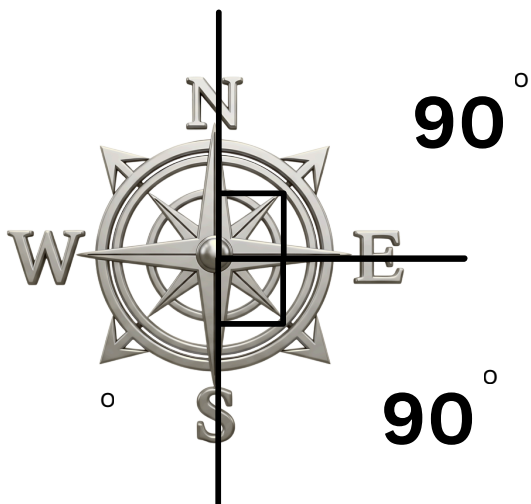
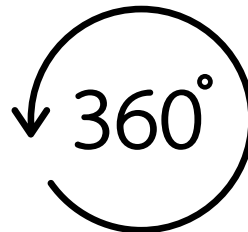
R.....



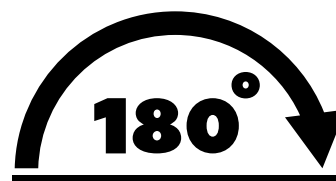
Anything you want to add....



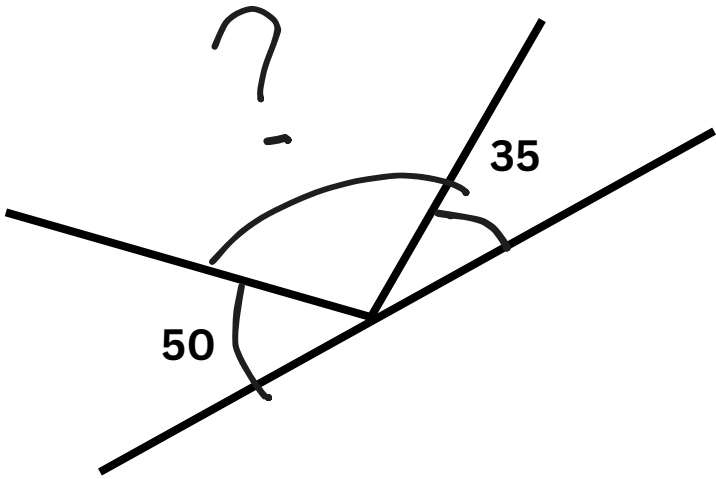
Angles around a point



Angles on a straight line



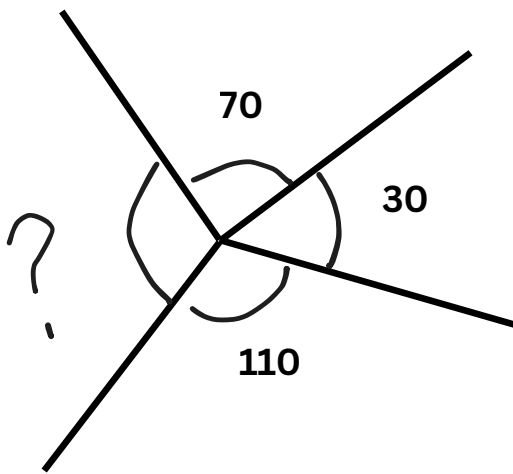
Missing angles:



150°

160°

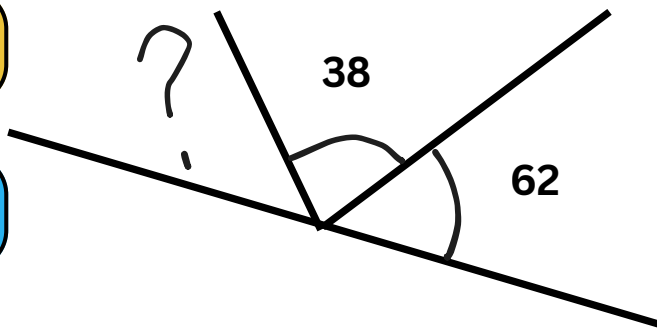
140°



100°

80°

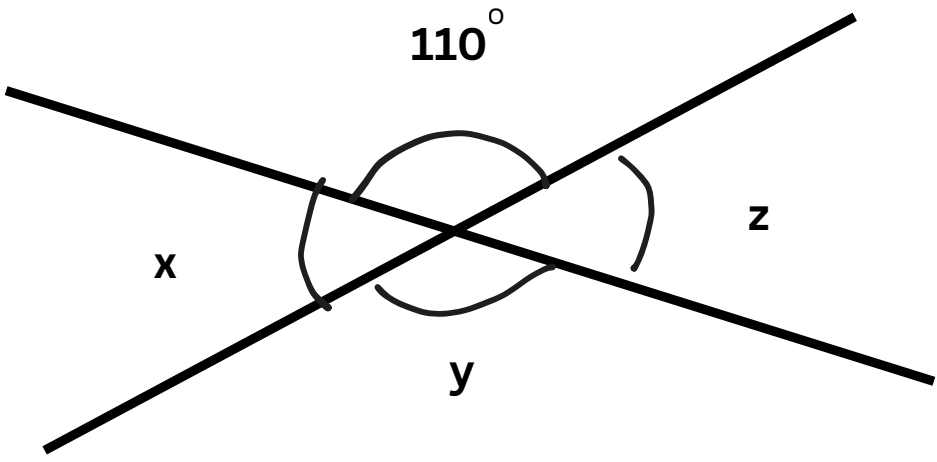
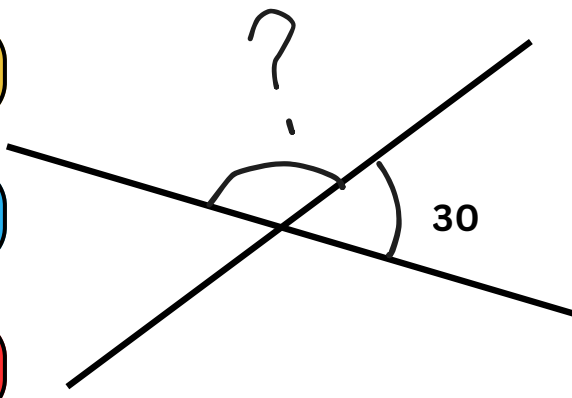
260°



30°

150°

330°



Bingo

| | | |
|-------|--------|--------|
| Acute | 25 | 50 |
| 150 | Reflex | Obtuse |
| 90 | 60 | 180 |



Practice questions

At home:

Measuring angles - Corbett Maths

<https://corbettmaths.com/wp-content/uploads/2018/02/measuring-angles.pdf>

Answers:

<https://corbettmaths.com/2018/02/06/measuring-angles-answers/>

Video

<https://corbettmaths.com/2013/03/05/measuring-angles/>

Missing angles - Corbett Maths

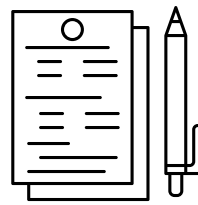
<https://corbettmaths.com/wp-content/uploads/2013/02/angle-facts-pdf1.pdf>

Answers:

<https://corbettmaths.com/2018/02/06/measuring-angles-answers/>

Video

<https://corbettmaths.com/2013/03/05/measuring-angles/>



Exam questions

At home:

Angle factst - Kenneth Stafford - Past Exam questions:

[https://www.kennethstafford.co.uk/resources-folder/past-paper-questions/grade-2-gcse-maths-topics/angles/qs-angles-](https://www.kennethstafford.co.uk/resources-folder/past-paper-questions/grade-2-gcse-maths-topics/angles/qs-angles-pp)

[pp](https://www.kennethstafford.co.uk/resources-folder/past-paper-questions/grade-2-gcse-maths-topics/angles/qs-angles-pp) Questions 1, 2, 4, 6, 9, 16 (this is a challenge) 20, 21

Answers:

<https://www.kennethstafford.co.uk/resources-folder/past-paper-questions/grade-2-gcse-maths-topics/angles/ans-angles-pp>

Angle facts video - Maths Genie (this also covers angles in a triangle)

<https://www.mathsgenie.co.uk/angles.php>