

L.O: I am learning to measure angles in degrees

Today you will learn how to recognise turns as angles and identify angles as compass directions. You will look at fractions of angles e.g. half turn, quarter turn etc. and be able to express these as degrees.

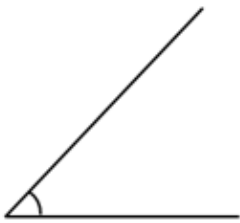
Answer the questions on the separate worksheet that comes with this assignment. Turn the completed work in so that the teacher can mark and comment on your work.

Revision:

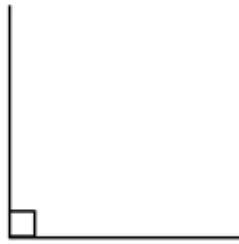
Let's look at what we already know...Fill in the blanks below each angle:

An angle is a measure of turn.

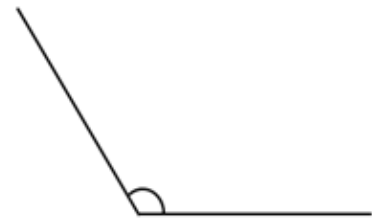
We measure angles in degrees ($^{\circ}$).



An acute angle measures less than _____ $^{\circ}$.



A right angle measures _____ $^{\circ}$.



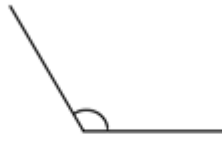
An obtuse angle measures greater than _____ $^{\circ}$.

Did you get it right?

- An acute angle measure less than 90 degrees
- A right angle measures 90 degrees
- An obtuse angle measures greater than 90 degrees.

Now try this...

An obtuse angle is greater than _____ ° but less than _____ °.



A reflex angle is greater than _____ ° but less than _____ °.



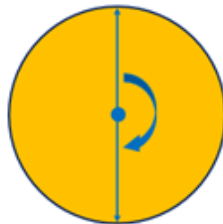
Did you get it right?

- An obtuse angle is greater than 90 degrees but less than 180 degrees.
- A reflex angle is greater than 180 degrees, but less than 360 degrees.

Angles & Turns:

We can express angles in terms of turns. Think about what angles these turns make:

A quarter turn is _____ °. A half turn is _____ °. A full turn is _____ °.



Did you get it right?

- A quarter turn is a **right angle** or **90 degrees**
- A half turn is a **straight line** or **180 degrees**
- A full turn is **360 degrees**

Now go to the worksheet for today's tasks. Choose your challenge(s) and answer your question in the box provided on the worksheet.