

L.O: I am learning to identify angles

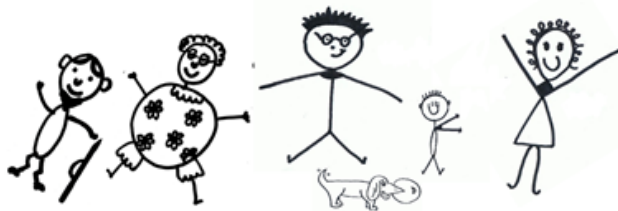
Today you will learn how to identify different types of angles. We will be reviewing our knowledge and understanding of acute, obtuse, reflex and right angles.

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.

Let's start by reminding ourselves of everyone in the angle family!

The Angles

"Hi! We're the Angles, we're one family, but all very different, so let us tell you a bit about ourselves!"



Baby Acute Angle



This is baby Acute angle.

- Isn't he cute?! He loves a hug, and always has his arms out for cuddles!
- He's the smallest of the family, measuring less than 90°.

Mrs. Right Angle

This is me.

I'm Mrs. Right Angle.

- I always measure 90°, my favourite shape is a square, and what's more, no matter what my husband tells you, I'm always right!



Mr. Obtuse Angle

This is Obtuse.

- He's the husband of the family.
- He's bigger than Right and Acute.
- He's always inside, and he always measures between 90° and 179° (depending on how much dinner he's eaten!)



Grandpa Straight Angle

This is Grandpa straight angle.

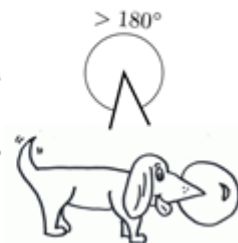
- He's always walking around using his walking stick.
- His walking stick's angle measures exactly 180°!



Reflex Angle

This is our pet dog, Reflex.

- He's always outside.
- He's only a pup at the moment so he measures 180°, but he can grow up to 360°!
- So he's definitely the biggest angle.
- You'll never see him without that horrid thing!



Grandma full turn

This is *Grandma full angle*.

- She's always eating the cakes she bakes and never wants to share.
- Her stomach is a full turn!
- This measures exactly 360°!



Let's Practise

How many degrees in the following types of angles?

- Reflex
- Full turn
- Acute
- Right angle
- Obtuse angle
- Angle on a straight line

Angles are everywhere, here are some examples.



This square has 4 **right angles** (90 degrees) in each corner.

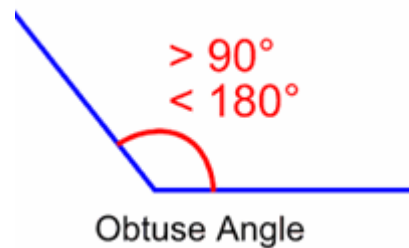


The angle between the hands on this clock is an **obtuse angle**. This means it is **greater than 90 degrees, but less than 180 degrees**.

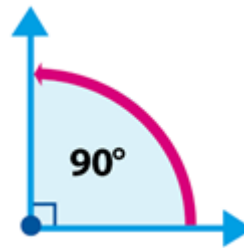
You can measure angles with a tool called a protractor. Angles are measured in degrees. You can use a symbol instead of the word e.g. 90 degrees can be written as **90°**. However you should be able to recognise the type of angle without measuring it.



If an angle is **less than 90°**, then it is an **acute** angle.



If an angle is **more than 90°**, then it is an **obtuse** angle.



If an angle is **exactly 90°**, then it is a **right** angle.

Click on the link below to watch a video that will help you identify angles with ease!



<https://www.youtube.com/watch?v=NVuMULQjb3o>

Now go to the worksheet for today's tasks and pick your challenge!