

WALT: identify, estimate and measure angles

Mental starter:

Multiplying by 25 e.g.

$$16 \times 25 =$$

$$16 \times 100 = 1600$$

$$1600 \div 4 =$$

Now try these using the method shown above:

1) 12×25

2) 32×25

3) 24×25

The **Angles**

Come and meet the Angle family...

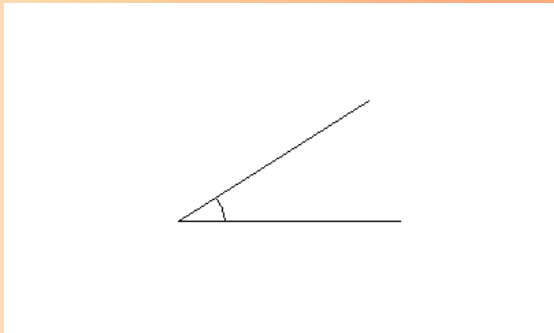
“Hi! We’re the Angles, we’re one family, but all very different, so let us tell you a bit about ourselves!”



Baby Acute Angle

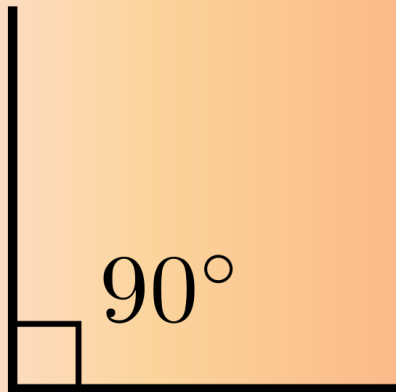


This is baby **Acute** angle. Isn't he cute?! He loves a hug, and always has his arms out for cuddles! He's the smallest of the family, measuring less than 90° .



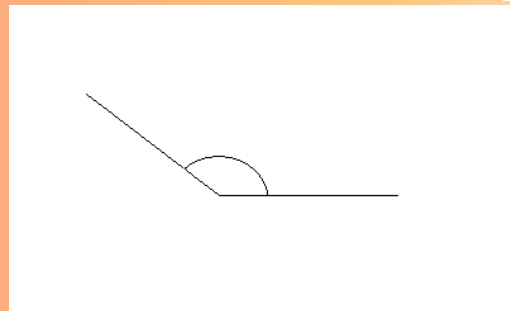
Mrs. Right Angle

I'm Mrs. Right Angle.
I *always measure 90°*,
my favourite shape is a
square, and
whatsmore, no matter
what my husband tells
you, I'm *always right!*



Mr. Obtuse Angle

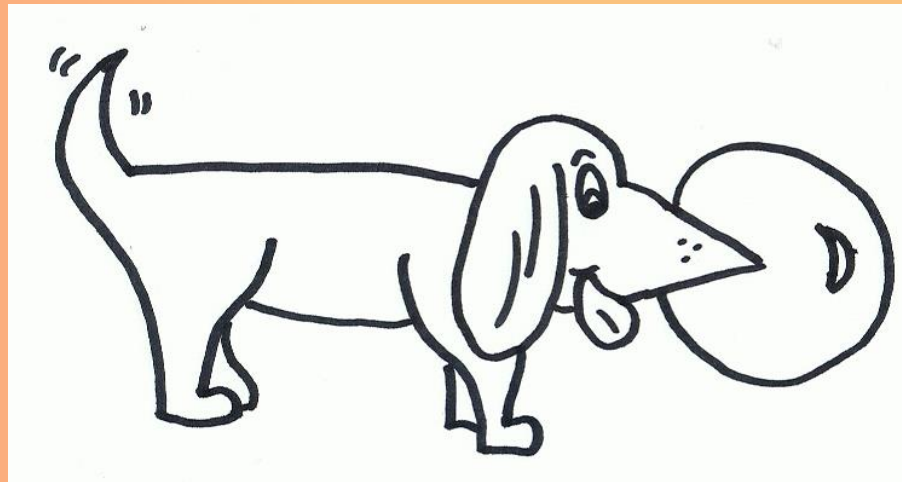
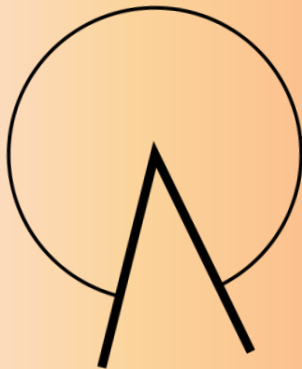
This is **Obtuse**.
He's the husband
of the family. He's
bigger than Right
and Acute . He's
always inside, and
he always
measures
between 90° and
 180° (depending
on how much
dinner he's eaten!)



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 ball in his mouth either, horrid thing!

$> 180^\circ$



So, now you've met us, let's see how well you know us...

Who am I?

I always measure less than 90°

I'm the smallest angle

I'm very **cute!**

I'm....



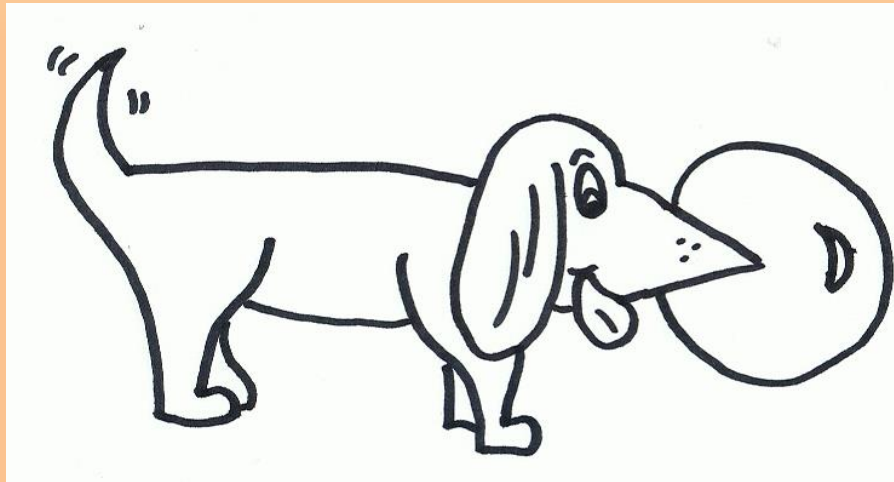
Who am I?

I'm always outside

I'm the biggest angle

I can measure
between 180° and
 360°

I'm...



Reflex Angle

Who am I?

I always measure
between 90° and 180°

I'm always inside

I'm bigger than
Right and Acute

I'm...



MR. Obtuse. Angle

Who's left?



Plenary

(L4)

- In this shape, one of the angles is **obtuse**.
- Which letter shows the obtuse angle?

