

02.06.20

WALT use a protractor to draw and measure angles

Mathematical Talk

Can we name and describe the 4 different types of angles?
(right angle, obtuse, acute, reflex)

What unit do we use to measure angles?

Does it matter which side of the protractor I use?

What mistakes could we make when measuring with a protractor?

How would I measure a reflex angle?

Look at a compass, what angles can we identify using the compass?

<https://www.youtube.com/watch?v=t4xCOUNEInI>

For information watch the video on this link!

What is a protractor?

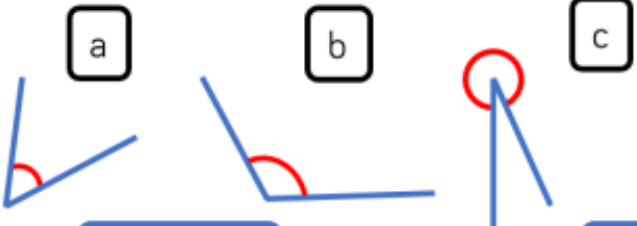
Where do we place the protractor on the angle?

Why are there two sets of numbers?

How do we know which number to use?

Varied Fluency

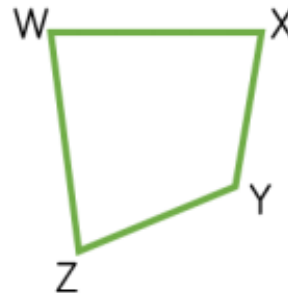
Identify the type of angle, and measure the angle using a protractor.



Angle is an angle. It measures

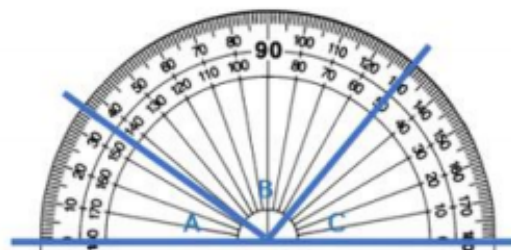
Estimate, then measure each of the angles at the vertices of the quadrilateral.

W: X:
 Y: Z:



Work out the size of each angle.

Explain how you found your answers.



Cut out a circle and draw a line from the centre to the edge. Add a spinner in the centre.

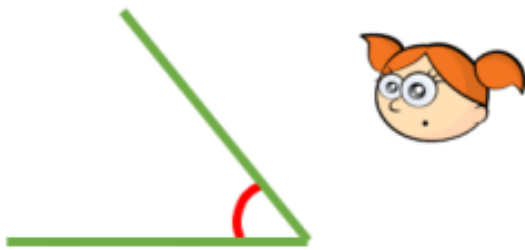


Put the arrow in the starting position as shown above. Turn over a flash card with an angle on.

Estimate the given angle by moving the spinner.

Check how close you are using a protractor.

Alex measures this angle:



She says it is 130°

Explain what she has done wrong.