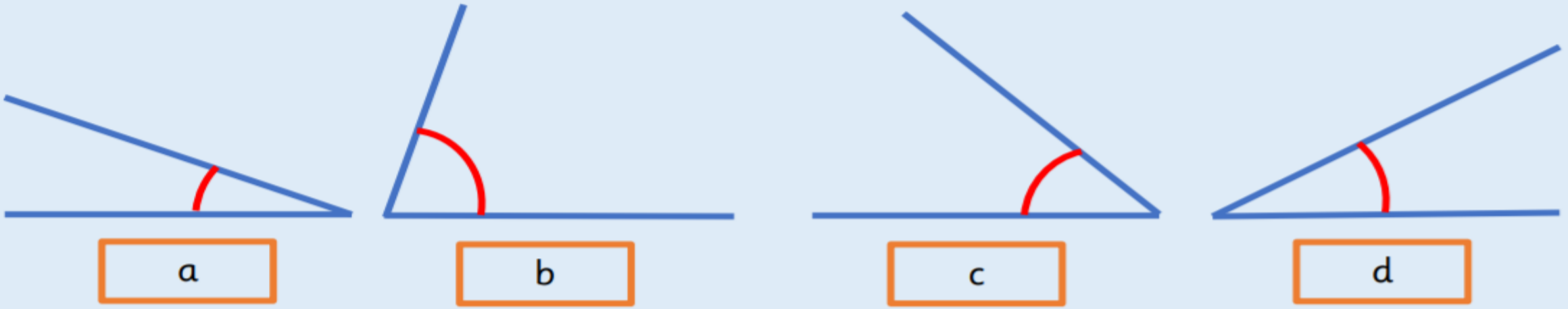
WALT measure angles using a protractor.

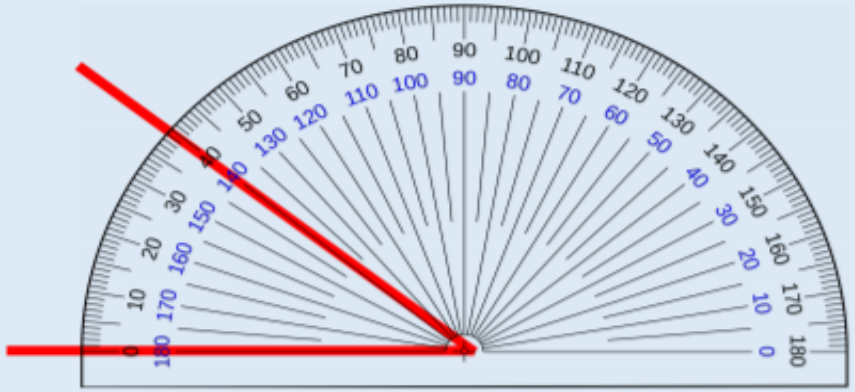
Activity 1 Measuring with Protractor

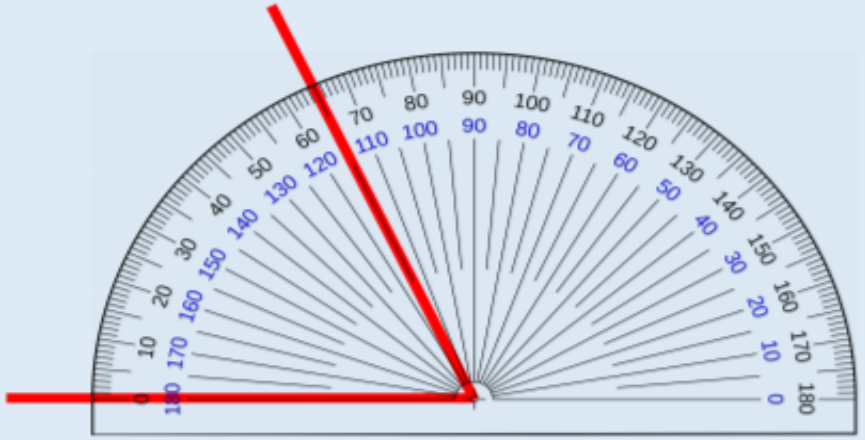
Put these angles in order of size. Explain how you know.

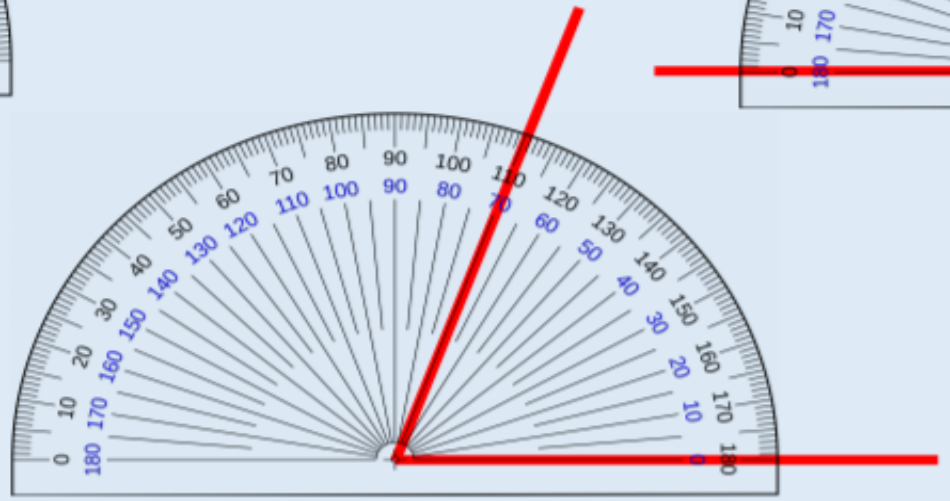


Activity 2 Measuring with Protractor

Read the angles shown on the protractor.

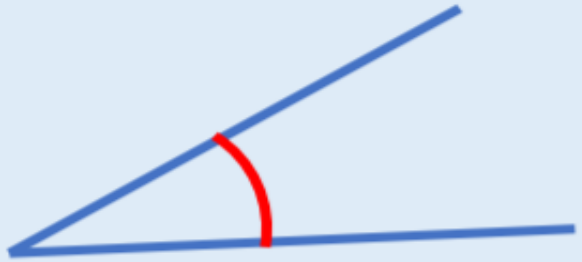


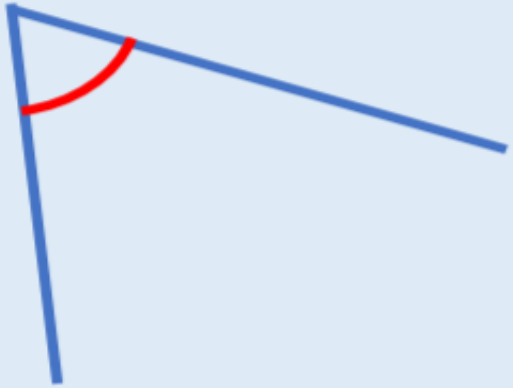




Activity 3 Measuring with Protractor

Estimate the size of the angles and then use a protractor to measure them to the nearest degree.
How close were your estimates?

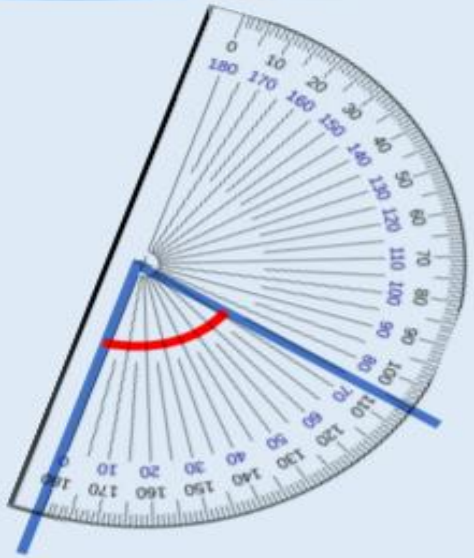




Reasoning 1 Measuring with Protractor

Who do you agree with?

I have measured the angle correctly because my protractor is on the line accurately.



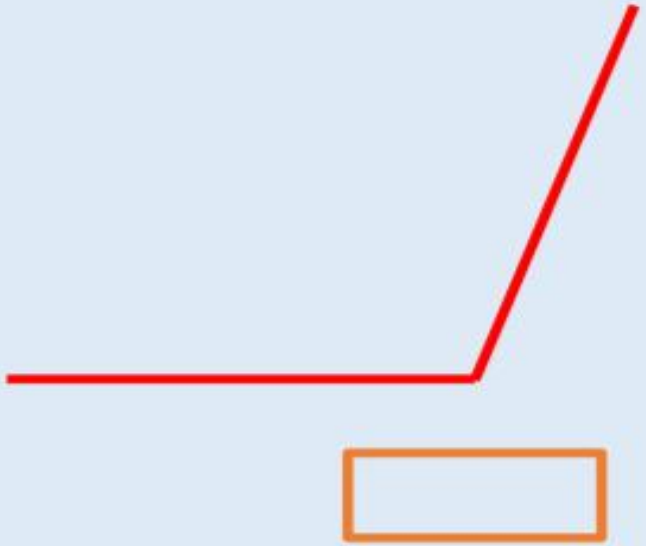
I have measured the angle correctly because my protractor is the right way round.

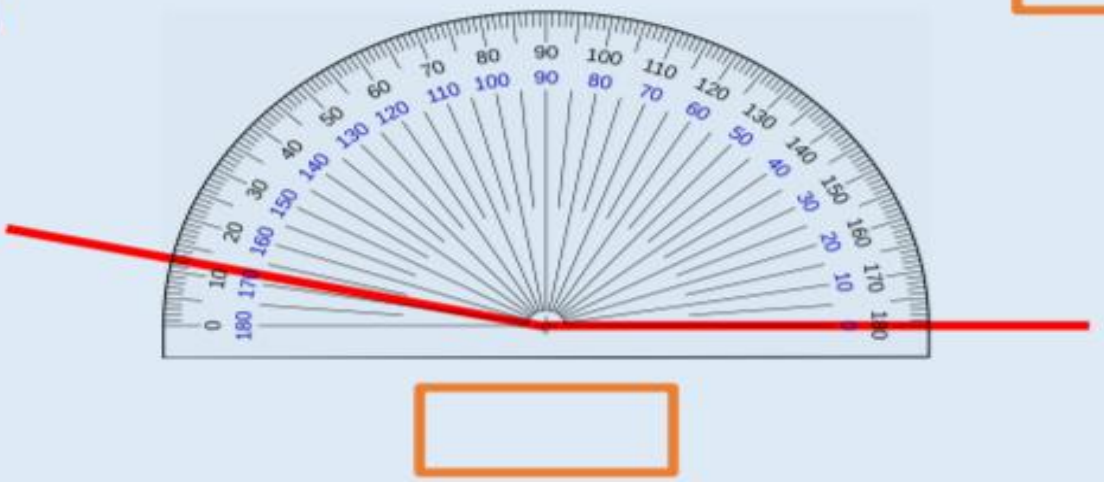
?

Explain why.

Activity 4 Measuring with Protractor

Estimate the size of the angles and then use a protractor to measure them to the nearest degree.

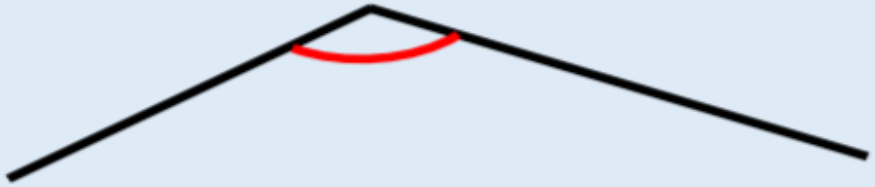


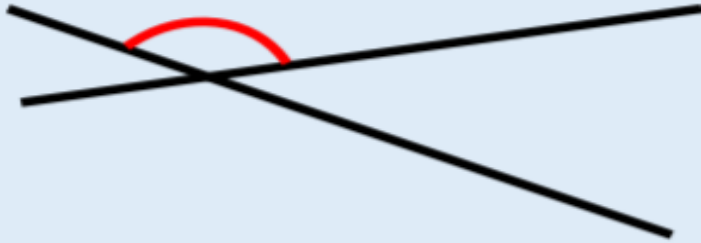


Activity 5

Measuring with Protractor

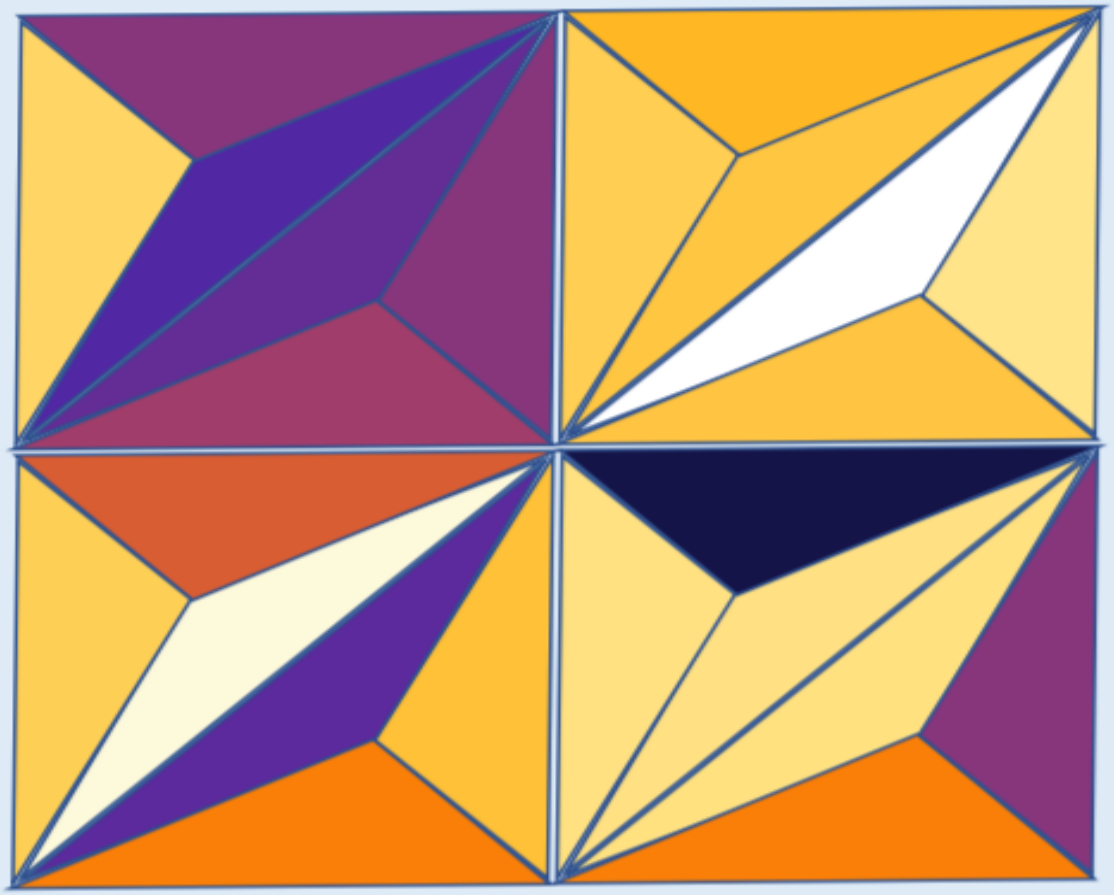
Estimate the size of the angles and then use a protractor to measure them to the nearest degree.





Activity 6 Measuring with Protractor

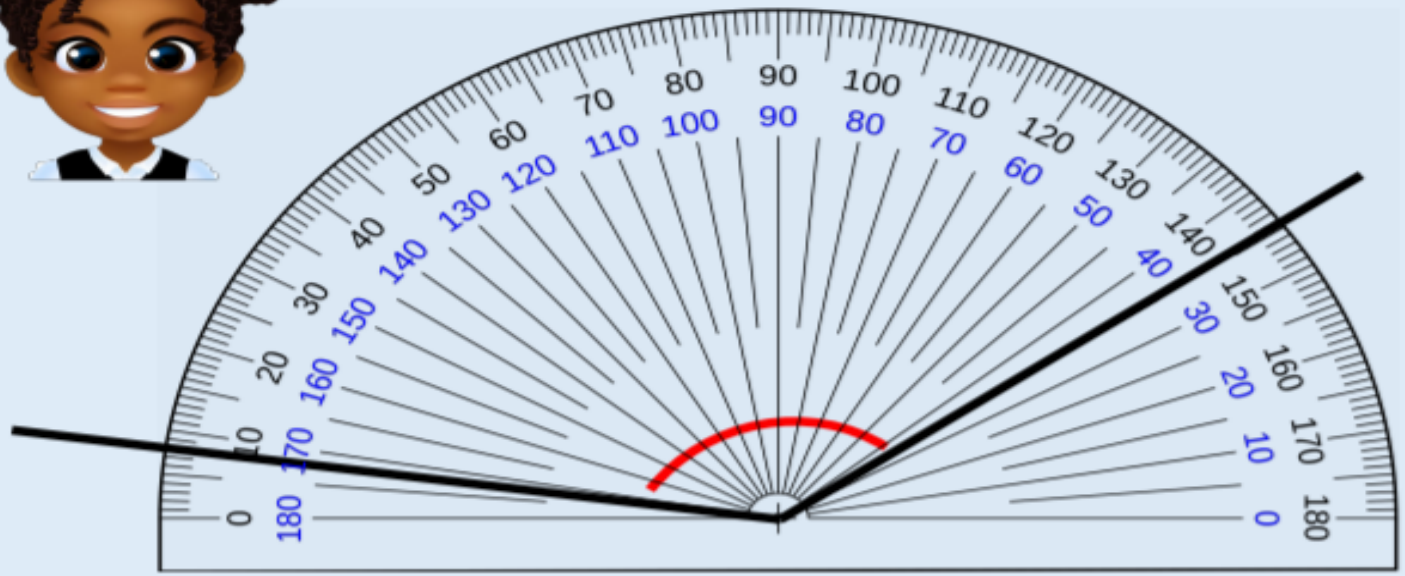
Identify obtuse angles in the image. Estimate the size of the angles, and then measure them.



Reasoning 1

Measuring with Protractor

Leanna is measuring an obtuse angle.
What's her mistake?



Reasoning 2 Measuring with Protractor

How many ways can you find the value of the angle?