

**Lesson 1**

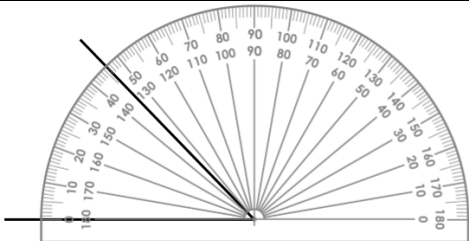
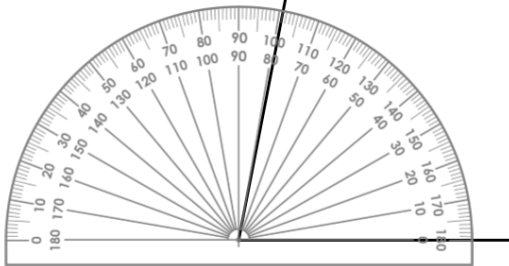
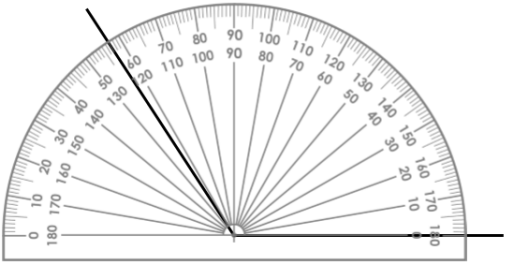
L.O I am learning to measure with a protractor.

<b>All</b>	All of you must complete the fluency section.
<b>Most</b>	Most of you will complete the fluency and reasoning sections.
<b>Some</b>	Some of you will complete the fluency, reasoning, and problem-solving sections.

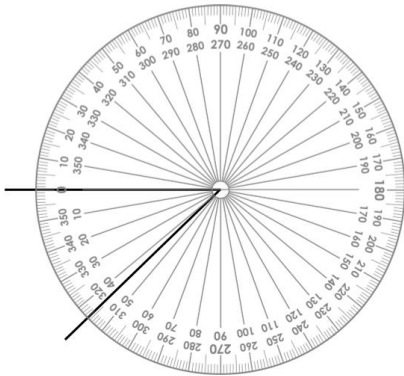
Try your best – it is all we can ask for! 😊

This video may help if you are stuck at any point:  
<https://corbettmaths.com/2013/03/05/measuring-angles/>

**Fluency**

Key vocabulary: Acute, Obtuse, Right, Straight line, Reflex	Your answer
 <p>The size of this _____ angle is _____ degrees.</p>	
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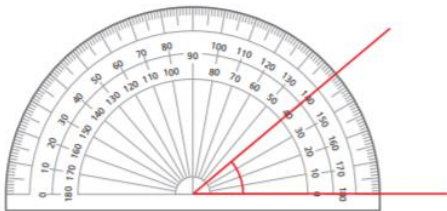
Week 1\_Maths\_Lesson 1



The size of this reflex angle is \_\_\_\_ degrees.

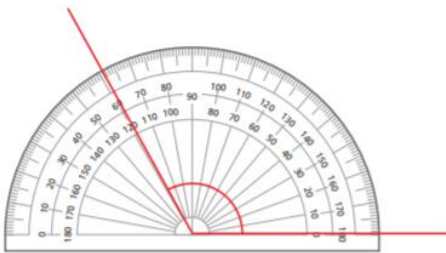
What is the size of each angle? Circle your answer.

a)



40°    140°

b)



61°    119°

8b. Fill in the blanks:

An acute angle is between \_\_\_\_° and \_\_\_\_°.

5b. What types of angles are these?



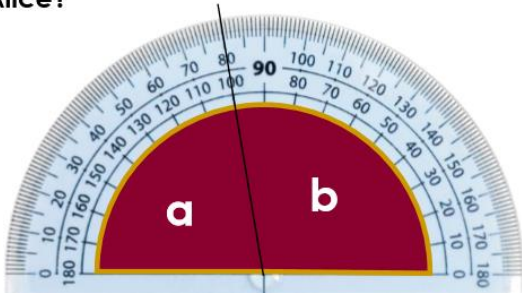
acute	obtuse	reflex
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Reasoning

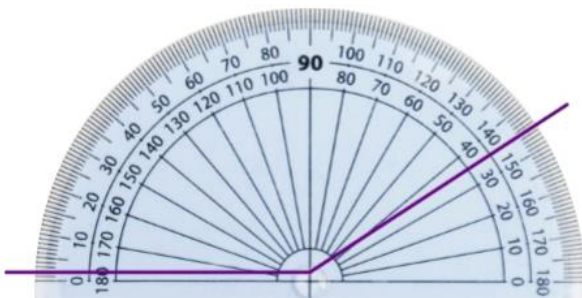
Key vocabulary: Acute, Obtuse, Right, Straight line, Reflex

Your answer

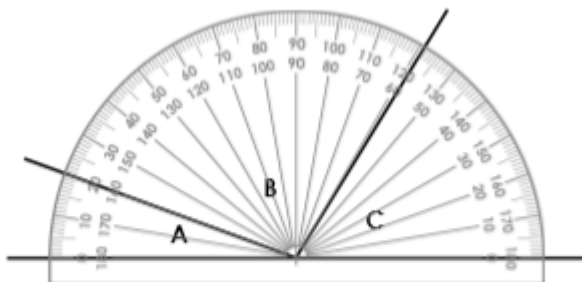
1b. Dad said Jed should get the most chocolate tart and Alice should get the least.  
Which pieces of tart should go to Jed and Alice?



5b. "My angle is 145°," says Sruthi.  
Has she measured her angle correctly?  
Explain your answer.



Millie is reading the angles using a protractor.










She says...



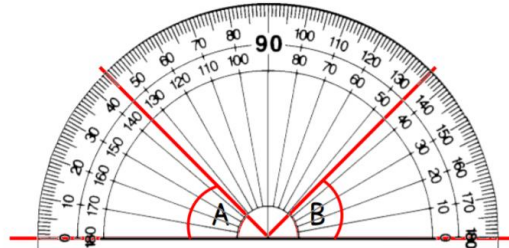
I can only measure angle A without moving the protractor.

Explain why Millie is wrong!  
Support your response with evidence.

## Problem Solving

Key vocabulary: Acute, Obtuse, Right, Straight line, Reflex	Your answer
<p><b>6b. Which angle belongs to which person?</b></p> <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;"> <p>My angle is acute.</p>  <p>Ceri</p> </div> <div style="text-align: center;"> <p>My angle is reflex.</p>  <p>Imran</p> </div> <div style="text-align: center;"> <p>My angle is more than 90°.</p>  <p>Carly</p> </div> </div> <div style="margin-top: 10px;"> <p><span style="border: 1px solid black; padding: 2px;">180°</span>   <span style="border: 1px solid black; padding: 2px;">80°</span>   <span style="border: 1px solid black; padding: 2px;">185°</span></p> <p style="font-size: small; text-align: right;">PS</p> </div>	
<p><b>9b. Which angle belongs to which person?</b></p> <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;"> <p>My angle is the only acute angle.</p>  <p>Norah</p> </div> <div style="text-align: center;"> <p>My angle is obtuse.</p>  <p>Nat</p> </div> <div style="text-align: center;"> <p>My angle is the closest to being reflex.</p>  <p>Sam</p> </div> <div style="text-align: center;"> <p>My angle is less than 174°.</p>  <p>Ray</p> </div> </div> <div style="margin-top: 10px;"> <p><span style="border: 1px solid black; padding: 2px;">175°</span>   <span style="border: 1px solid black; padding: 2px;">114°</span>   <span style="border: 1px solid black; padding: 2px;">174°</span>   <span style="border: 1px solid black; padding: 2px;">37°</span></p> <p style="font-size: small; text-align: right;">PS</p> </div>	

## Extension

Key vocabulary: Acute, Obtuse, Right, Straight line, Reflex	Your answer
<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p style="font-size: 2em; letter-spacing: 0.5em; color: #000080;">True or False ?</p> </div> <p style="text-align: center; font-size: 1.2em;">Angle A = 145° and Angle B = 45°</p> <div style="text-align: center;">  </div>	