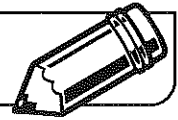
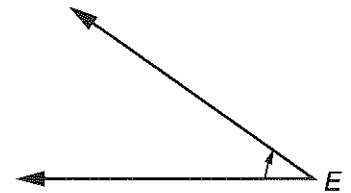


LESSON
3•4
Measuring and Drawing Angles


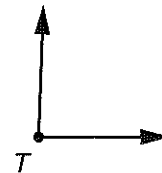
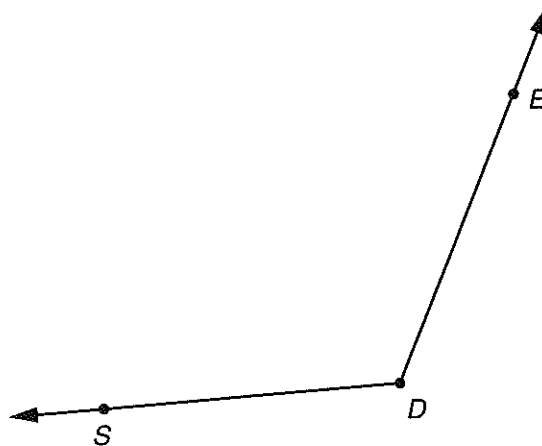
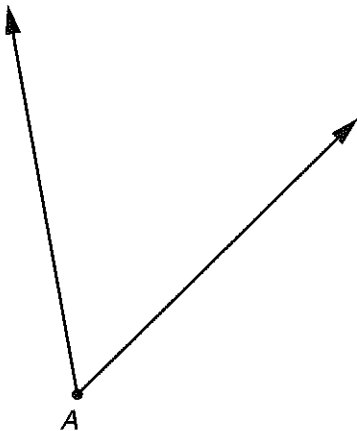
Sarah used her half-circle protractor to measure the angle at the right. She said it measures about 35° . Theresa measured it with her half-circle protractor. Theresa said it measures about 145° . Devon measured it with his full-circle protractor. Devon said it measures about 325° .



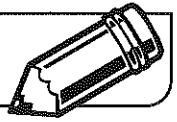
- 3. a.** Use both your template protractors to measure the angle. Do you agree with Sarah, Theresa, or Devon?

- b.** Why? _____

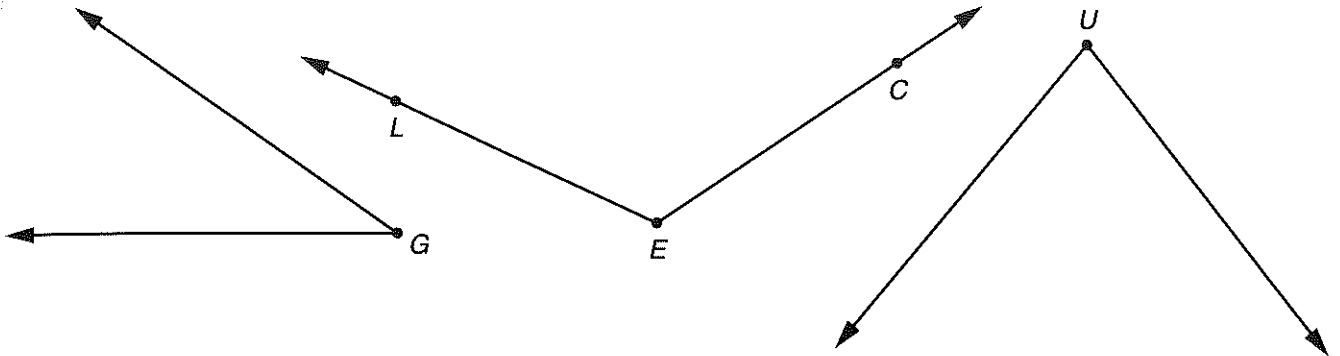
Use your half-circle protractor. Measure each angle as accurately as you can.



- 4. a.** $m\angle A$ is about _____. **b.** $m\angle EDS$ is about _____. **c.** $m\angle T$ is about _____.

LESSON
3•4**Measuring and Drawing Angles** *continued*

Use your full-circle protractor to measure each angle.



5. a. $m\angle G$ is about _____. b. $m\angle LEC$ is about _____. c. $m\angle U$ is about _____.

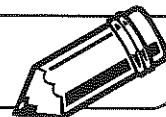
Draw and label the following angles. Use your half-circle protractor.

6. a. $\angle CAT: 62^\circ$

b. $\angle DOG: 135^\circ$

LESSON
3•4

Points, Lines, and Angles



Identify the terms and objects in the riddles below. Use the words and phrases from the Word Bank to complete the table.

Word Bank			
point	line segment	ray	line
angle	parallel lines	parallel line segments	intersecting lines
vertices	perpendicular lines	perpendicular line segments	vertex

Clues		What Am I?
1	I am a location in space. It takes only one letter to name me.	
2	My length cannot be measured, but I am named by two of my points.	
3	I do not curve. I have only one end point.	
4	I am measured in degrees. I have a vertex. My sides are two rays.	
5	We have endpoints. When two of us meet, we form one or more right angles.	
6	There are always at least two of us. We have endpoints. We always stay the same distance apart.	
7	I am the point where two rays meet to form an angle.	
8	Two of us meet.	
9	Our lengths cannot be measured. When two of us meet, we form right angles.	
10	I am the endpoint where two sides of a polygon meet.	
11	My length can be measured. I have two endpoints.	
12	Our lengths cannot be measured. There are always at least two of us. We always stay the same distance apart.	