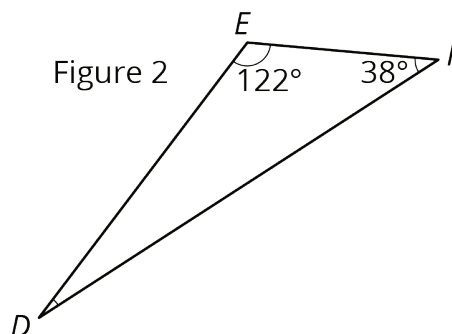
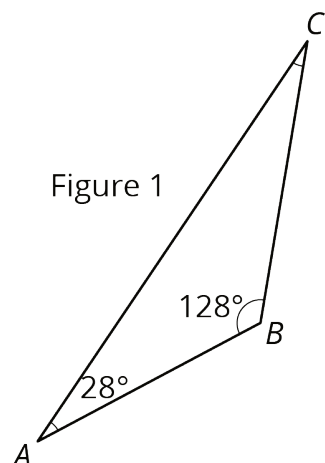
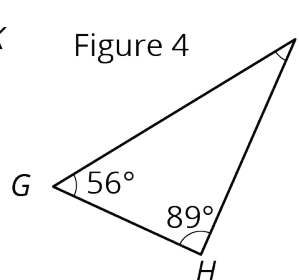
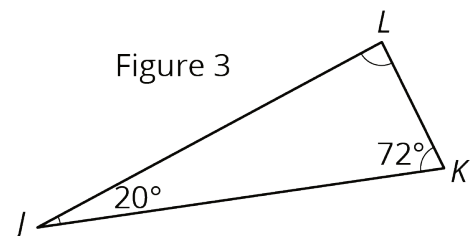


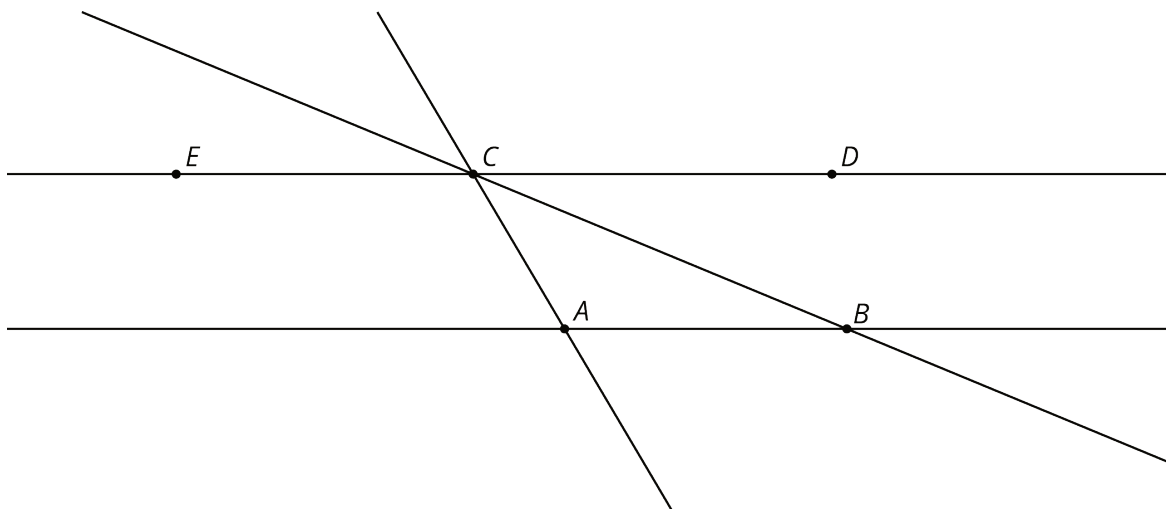
Lesson 14 Practice Problems

1. For each triangle, find the measure of the missing angle.



2. Is there a triangle with *two* right angles? Explain your reasoning.

3. In this diagram, lines AB and CD are parallel.

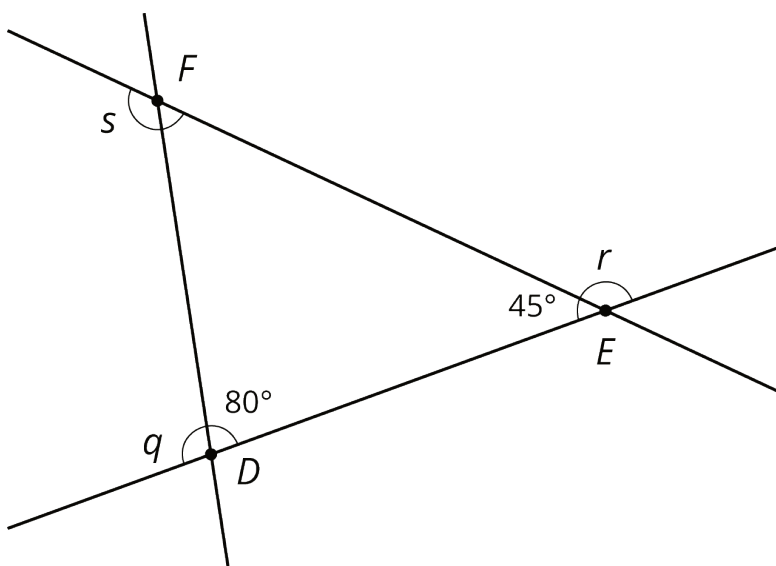


Angle ABC measures 35° and angle BAC measures 115° .

- What is $m\angle ACE$?
- What is $m\angle DCB$?
- What is $m\angle ACB$?

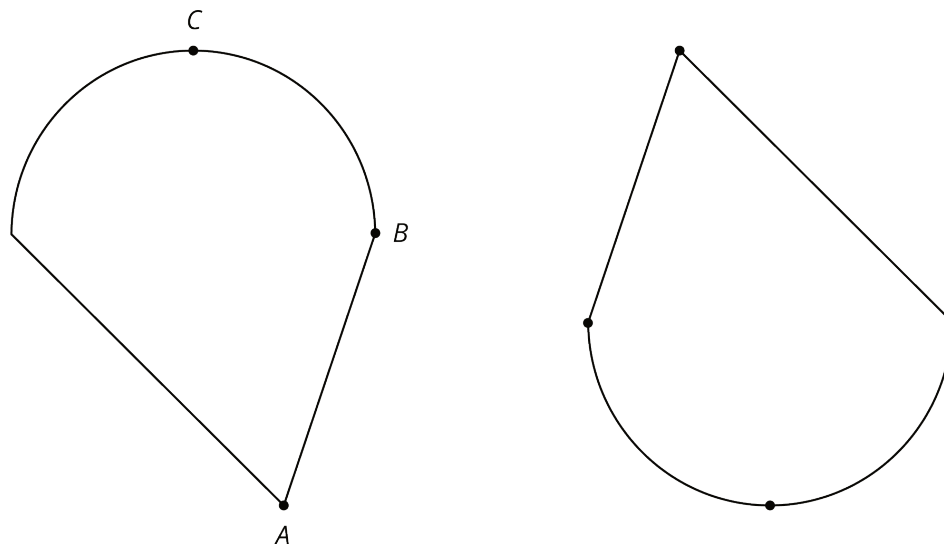
4. Here is a diagram of triangle DEF .

- Find the measures of angles q , r , and s .
- Find the sum of the measures of angles q , r , and s .
- What do you notice about these three angles?



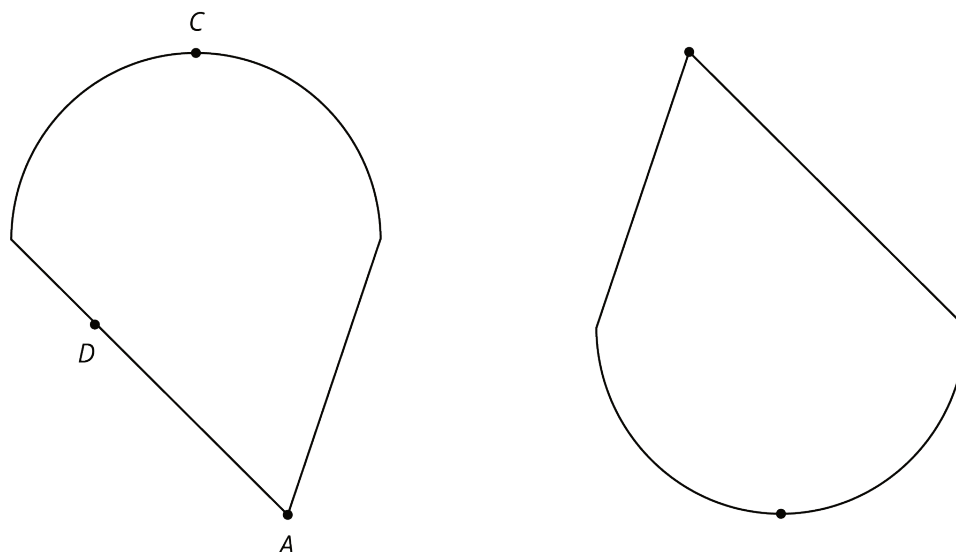
5. The two figures are congruent.

- a. Label the points A' , B' and C' that correspond to A , B , and C in the figure on the right.



- b. If segment AB measures 2 cm, how long is segment $A'B'$? Explain.

- c. The point D is shown in addition to A and C . How can you find the point D' that corresponds to D ? Explain your reasoning.



(From Unit 1, Lesson 11.)