

NAME: _____

UNIT 5 • TRANSFORMATIONS IN THE COORDINATE PLANE

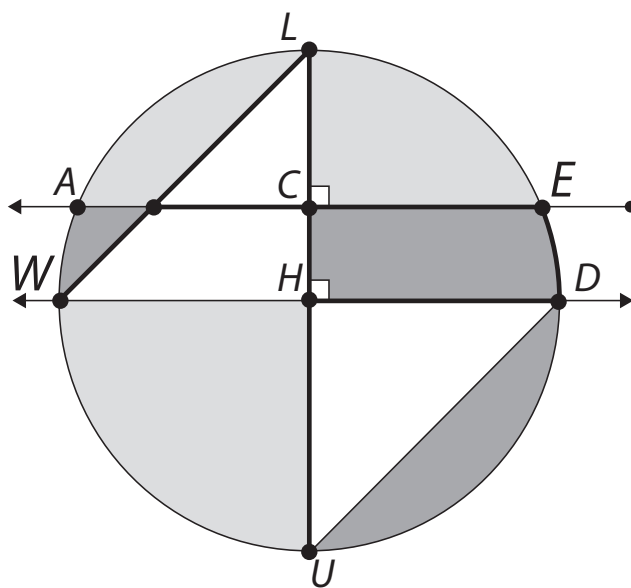
Lesson 1: Introducing Transformations

Problem-Based Task 5.1.1: A Mathematical Look

Walch Education contracted Ryan Icons to design a logo for the company. They requested the logo be circular and contain the following elements:

- a line
- a ray
- a line segment
- 2 pairs of parallel lines
- 1 pair of perpendicular lines

Identify the elements requested in the submitted logo shown below.



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Lesson 1: Introducing Transformations

Problem-Based Task 5.1.1: A Mathematical Look

Coaching

- Identify a line in the submitted logo.
- Identify a ray in the submitted logo.
- Identify a line segment in the submitted logo.
- Identify 2 pairs of parallel lines in the submitted logo.
- Identify 1 pair of perpendicular lines in the submitted logo.