

# Mathematics Toolkit: Grade 7 Objective 2.D.1.a

Standard 2.0 Knowledge of Geometry

Topic D. Congruence and Similarity

Indicator 1. Apply the properties of congruent polygons

Objective a. Determine the congruent parts of polygons

Assessment Limits:

Use the length of corresponding sides or the measure of corresponding angles and whole numbers (0 – 1000)

## Table of Contents

### Objective 2.D.1.a Tools

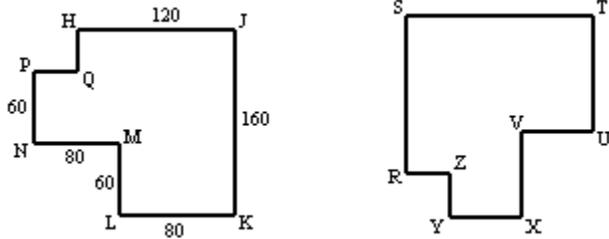
---

- Sample Item #1 - Selected Response (SR)

## Sample Item #1 - Selected Response (SR) Item

Mathematics Grade 7 Objective 2.D.1.a

Polygon HJKLMNPQ is congruent to polygon RSTUVXYZ.



Note: The figures are not drawn to scale.

What is the length, in units, of  $\overline{RZ}$ ?

- A. 40 units
- B. 60 units
- C. 80 units
- D. 120 units

Correct Answer:

A