

Lesson 8: Find the Perimeter

Standards Alignments

Addressing 3.MD.D.8, 3.OA.C.7

Teacher-facing Learning Goals

- Find the perimeter of two-dimensional shapes given all or some of the side lengths.

Student-facing Learning Goals

- Let's find the perimeter of more shapes.

Lesson Purpose

The purpose of this lesson is for students to find perimeters of shapes given all or some of the side lengths.

In previous lessons, students learned about attributes of two-dimensional shapes. They also learned about perimeter and drew shapes with specific perimeters. In this lesson, students find perimeters of shapes given side lengths and use the attributes of shapes to find the perimeter given only some of the side lengths.

Access for:



Students with Disabilities

- Representation (Activity 2)



English Learners

- MLR8 (Activity 1)

Instructional Routines

5 Practices (Activity 1), MLR7 Compare and Connect (Activity 2), Number Talk (Warm-up)

Materials to Gather

- Tools for creating a visual display: Activity 2

Lesson Timeline

Warm-up	10 min
Activity 1	20 min
Activity 2	15 min

Teacher Reflection Question

How did students leverage their geometry knowledge about attributes of shapes to reason about perimeter in today's lesson?

Lesson Synthesis

10 min

Cool-down

5 min

Cool-down (to be completed at the end of the lesson)

🕒 5 min

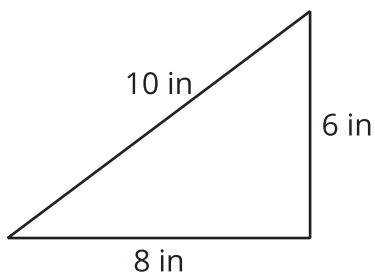
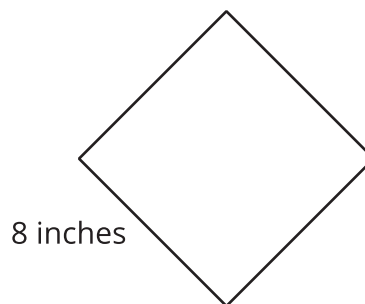
A Triangle and a Square

Standards Alignments

Addressing 3.MD.D.8

Student-facing Task Statement

Find the perimeter of each shape. Explain or show your reasoning.

A**B****Student Responses**A: 24 in. Sample response: $6 + 8 + 10 = 24$ B: 32 in. Sample response: I multiplied 4×8 since there are 4 sides that are the same length.