NAME_____

Module 13 **Perimeter, Area, and Volume**
Lesson 1 **Perimeter and Circumference**

Lesson Notes 13.1

Lesson Objectives

- Establish and apply formulas to perimeter of triangles, rectangles, and parallelograms.
- Develop and use strategies to solve problems involving circumference of a circle.
- Use linear units to describe perimeter or circumference.

Subtopic 1 Perimeter

Perimeter

"Peri" means _____.

"Meter" means _____.

_____ around a shape or figure measured in units of _____ like inches, feet, or kilometers

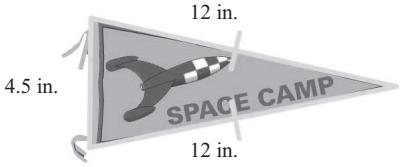
Parallelogram

P = _____

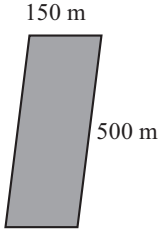
Square

P = _____

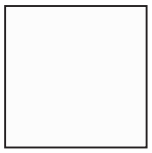
1 What is the perimeter of the triangular space camp banner?



2 A public walkway on Earth is shaped like a parallelogram. What is the perimeter of the walkway?



3 A square garden measures 22 feet on each side. What is the perimeter of the garden?



Subtopic 2 Circumference

Perimeter of a Circle

The perimeter of a circle is called the _____.

4 A Ferris wheel has a diameter of 80 feet. Estimate the circumference.

5 The circumference of a DVD is 37.68 centimeters. Find the radius.