Unit 8, Lesson 11

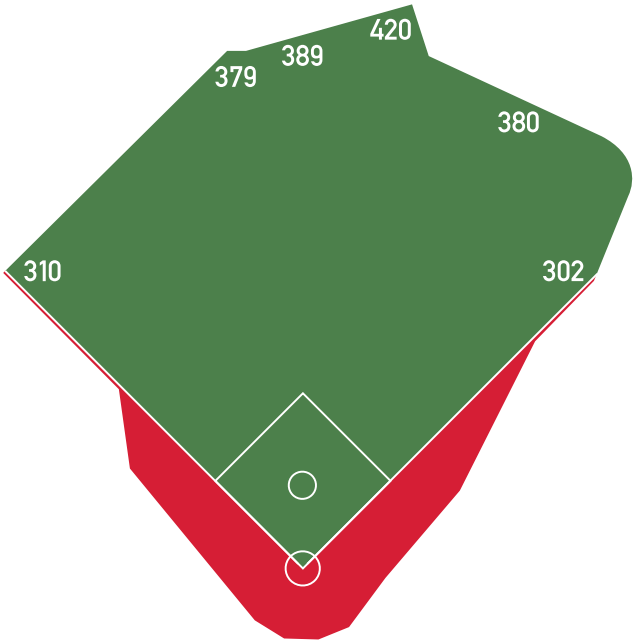
Symmetry in Sports

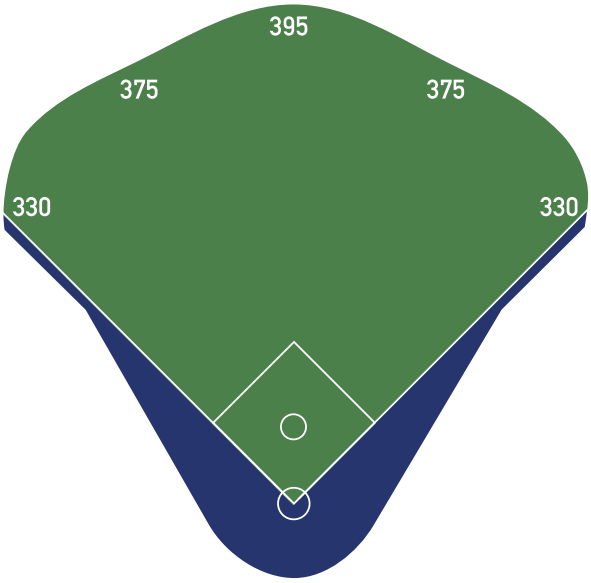
Let's use symmetry to think about sports.

Warm-up

Notice and Wonder: Outfield

What do you notice? What do you wonder?





Activity 1

New Field

Choose a sport that has a symmetrical field or court. Describe how the sport would change if the court or field was *not* symmetrical. Show your thinking. Organize it so it can be followed by others.

Activity 2

New Field, New Rules

1. Choose a sport. It can be the sport from the previous activity, a different sport, or a new sport you create.
   a. Design a field for the sport that has no lines of symmetry. Create a list of rules for playing the sport on this field.
   b. Create a visual display to show your thinking. Organize it so it can be followed by others.

2. Gallery Walk: As you visit the other groups' visual displays, leave a sticky note with:
   a. Something you notice about their design.
   b. Something you wonder about their design.