

Grade 3 Unit 7

Lesson 13

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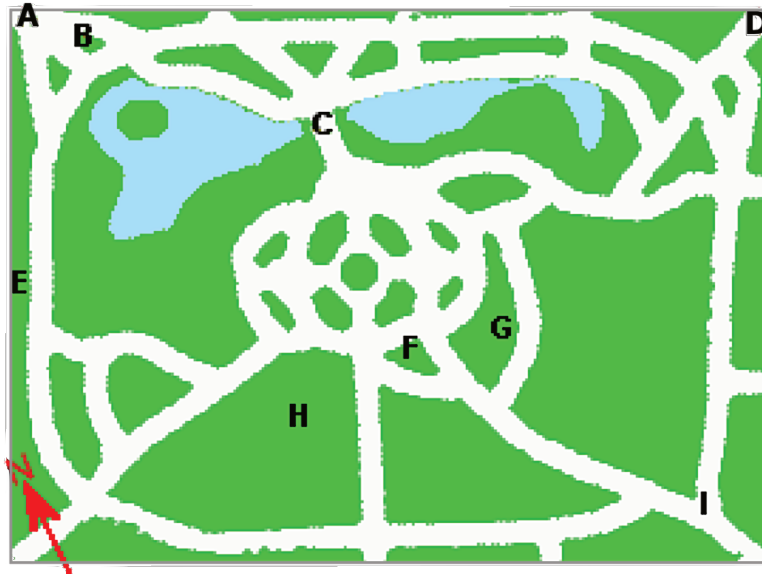
Unit 7 Lesson 13: Shapes and Play

WU Notice and Wonder: A Park (Warm up)

Student Task Statement

What do you notice? What do you wonder?





1 Design a Park

Student Task Statement

Your teacher will give you some dot paper for drawing.

1. The distance from 1 dot to another horizontally or vertically represents 1 yard. Connect dots on the grid horizontally or vertically to design a small park that has 5 of these features:
 - a. basketball court
 - b. soccer goal
 - c. swings
 - d. a slide
 - e. an open area
 - f. picnic table
 - g. water play area
 - h. skate park
 - i. a feature of your choice
2. Describe the area and the perimeter of 3 features in the park.

2 Park Problems

Student Task Statement

Solve each problem. Explain or show your reasoning.

1. A rectangular playground is 6 yards by 14 yards.
 - a. How much fencing is needed to fence in the playground?
 - b. What is the area of the playground?

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- c. Give another pair of side lengths that would have the same perimeter, but a different area.
2. A rectangular open area in a park is going to have an area of 48 square yards. Give 2 possible perimeters for the rectangular area.