

# Challenge Problems

## 13.2

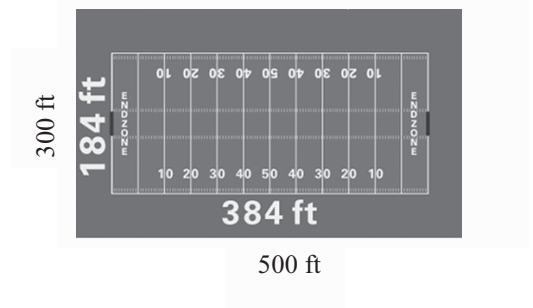
NAME \_\_\_\_\_

Module 13 Perimeter, Area, and Volume  
Lesson 2 Area

### Set 1

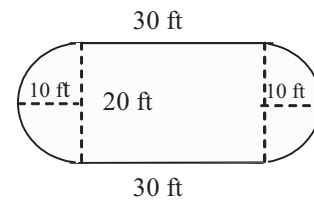
1 Find how many unique rectangles you can form with an area of 48 square centimeters, using only whole number dimensions.

2 The Moon Rocks football team has a stadium measuring 500 feet by 300 feet. The playing field, including sidelines, is 384 feet by 184 feet. How much area do they have left for everything else, such as concessions stands, bleachers, and aisles?

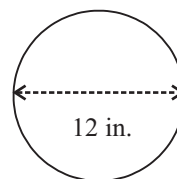


### Set 2

1 Estimate the area of the skating rink.



2 Which makes a larger pizza and by how much: a 12-inch-diameter circular pizza pan or a 12-inch-square pizza pan?



12 in.

# Additional Work Area