

# Soccer Field Geometry

**Description:** A typical soccer field is 100-130 yards long and 50-100 yards wide. You will learn about the different aspects and dimensions of a soccer field.

**Activity:** Below is an image of the North Carolina FC soccer field at WakeMed Soccer Park. Use this image to answer the following questions.

**Part 1:** Label the different parts of the soccer field.

**Hint:** Areas include: 18-yard box, penalty box, corner kick, center circle, arc, etc.

**Part 2:** What is the perimeter of the soccer field? What is the area of the soccer field?

**Hint:** perimeter = (length + width) x 2; area = length x width

**Additions:** Create your own soccer field outside using chalk.

**NOTE:** 1 yard = 3 feet or 0.91 meters

1. How many feet long is WakeMed Soccer field?

2. How many feet wide is WakeMed Soccer field?

3. How many meters long is WakeMed soccer field?

4. How many meters wide is WakeMed soccer field?

