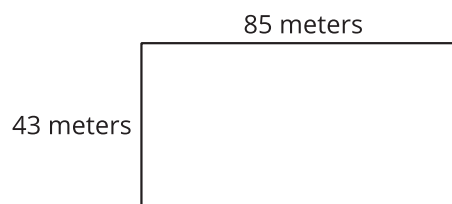




2. The diagram shows the side lengths of a sports field.

a. What is the perimeter of the field?

Explain or show your reasoning.



b. What is the area of the field? Explain or show your reasoning.

(From Unit 6, Lesson 22.)

3. The table shows the number of students who have different numbers of pets at a school.

How many pets do all the students have together? Explain or show your reasoning.

number of pets	number of students
1	218
2	167
3	287
4	138

(From Unit 6, Lesson 23.)

4. A builder is covering the floor of a rectangular room that is 23 feet by 25 feet with tiles that are 1 foot by 1 foot. The tiles are sold in boxes of 12.

Diego says 59 boxes are needed to cover the floor, and that there will be a few leftover tiles.

- a. Is Diego's answer reasonable? Explain or show your reasoning.

- b. How many boxes of tiles would you get to cover this floor? Explain or show your reasoning.

(From Unit 6, Lesson 24.)

### 5. **Exploration**

Find a rectangular room at home or in the school.

- a. Which unit would you choose for measuring the length and width: inches, feet, or yards? Explain your reasoning.

