Section C: Practice Problems

1. a. Jada's class drank 2 gallons of milk at lunch. How many cups is that?

    b. The third graders at Jada's school drank 3 times as much milk as Jada's class. How many quarts is that?

    (From Unit 5, Lesson 14.)

2. Diego saw a snake that is 9 inches long at the pet store. The world's longest snake, a python, is 10 yards long. How many times longer is the python than the snake Diego saw? Explain or show your reasoning.

    (From Unit 5, Lesson 15.)

3. a. Andre drew a rectangle that is 5 centimeters long and 6 centimeters wide. What is the perimeter of Andre's rectangle?

    b. Jada drew a rectangle whose side lengths are 4 times as long as those of Andre's rectangle. What is the perimeter of Jada's rectangle?

    (From Unit 5, Lesson 16.)

4.   a. A rectangle has perimeter 19 cm. One side is 4 cm. How long is the other side of the rectangle?

     b. A square has perimeter 19 cm. How long is each side of the square? Explain or show your reasoning.

(From Unit 5, Lesson 18.)

5. **Exploration**

A furlong is 220 yards. It is a unit usually used to measure the distance of horse races. A mile is 5,280 feet. Mai read that a furlong is $\frac{1}{8}$ mile. Is this true? Explain or show your reasoning.

6. **Exploration**

Many of the length measurements that we use today have interesting histories. Choose one of them, such as a foot, a yard, or a marathon and investigate its origin.