

Making labels for cans
and other problems

1. A can is _____ tall and has a diameter of _____. You will use graph paper to make a paper label for the can.

How tall should the paper label be? Answer: _____

How long should the paper label be? Answer: _____

Show your calculations below.

2. A can is _____ tall and has a diameter of _____. You will use graph paper to make a paper label for the can.

How tall should the paper label be? Answer: _____

How long should the paper label be? Answer: _____

3. A strip of paper is _____ long. When the strip of paper is formed into a circle, approximately what will the diameter of the circle be?

Answer: _____

4. A strip of paper is _____ long. When the strip of paper is formed into a circle, approximately what will the diameter of the circle be?

Answer: _____

5. Mr. Johnson has a circular garden of diameter 20 feet. Mr. Johnson wants to put a fence around his garden. How long a fence will he need?

Answer: _____

When Mr. Johnson buys the fence for his garden, he must buy a whole number of feet of fence. How many feet of fence should Mr. Johnson buy?

Answer: _____

6. Ms. Smith has 75 feet of fence that she will use to make a circular play area for her dog. Approximately what diameter will the play area be?

Answer: _____