Grade: 3   **Q Category**: Measurement- Word problems   **Q Sub Category:** Length **Worksheet #:** 156Q

Solve the following.

1. Jack's pencil is 15 centimeters long, and Jill's pencil is 10 centimeters long. How much longer is Jack's pencil?

2. The length of a rectangular table is 120 centimeters, and its width is 80 centimeters. What is the perimeter of the table?

3. Sarah's garden is 6 meters long and 4 meters wide. What is the area of her garden?

4. The length of a rope is 5 meters. If you cut off a piece that is 2 meters long, how long is the remaining piece?

5. Emily's toy car travels 2 meters in one second. How far will it travel in 5 seconds?

6. The length of a rectangular bookshelf is 150 centimeters, and its height is 100 centimeters. What is the volume of the bookshelf?

7. John's jump rope is 3 meters long. If he cuts it into pieces that are each 0.5 meters long, how many pieces will he have?

8. A hallway is 12 meters long. If each step covers a distance of 0.5 meters, how many steps are needed to cross the hallway?

9. The length of a rectangular swimming pool is 8 meters, and its width is 4 meters. What is the perimeter of the pool?

10. Lisa has a piece of string that is 50 centimeters long. If she cuts off a piece that is 20 centimeters long, how long is the remaining piece?

Grade: 3   **Q Category**: Measurement- Word problems   **Q Sub Category:** Length   **Worksheet #:** 156A

1. Jack's pencil is 15 centimeters long, and Jill's pencil is 10 centimeters long. How much longer is Jack's pencil?
Answer: Jack's pencil is 5 centimeters longer than Jill's pencil.
2. The length of a rectangular table is 120 centimeters, and its width is 80 centimeters. What is the perimeter of the table?
Answer: The perimeter of the table is 400 centimeters.
3. Sarah's garden is 6 meters long and 4 meters wide. What is the area of her garden?
Answer: The area of Sarah's garden is 24 square meters.
4. The length of a rope is 5 meters. If you cut off a piece that is 2 meters long, how long is the remaining piece?
Answer: The remaining piece of the rope is 3 meters long.
5. Emily's toy car travels 2 meters in one second. How far will it travel in 5 seconds?
Answer: The toy car will travel 10 meters in 5 seconds.
6. The length of a rectangular bookshelf is 150 centimeters, and its height is 100 centimeters. What is the volume of the bookshelf?
Answer: The volume of the bookshelf is 15,000 cubic centimeters.
7. John's jump rope is 3 meters long. If he cuts it into pieces that are each 0.5 meters long, how many pieces will he have?
Answer: John will have 6 pieces of jump rope.
8. A hallway is 12 meters long. If each step covers a distance of 0.5 meters, how many steps are needed to cross the hallway?
Answer: It would take 24 steps to cross the hallway.
9. The length of a rectangular swimming pool is 8 meters, and its width is 4 meters. What is the perimeter of the pool?
Answer: The perimeter of the pool is 24 meters.
10. Lisa has a piece of string that is 50 centimeters long. If she cuts off a piece that is 20 centimeters long, how long is the remaining piece?
Answer: The remaining piece of string is 30 centimeters long.