

Grade: 4

Category: Measurement Word Problems

Subcategory: Length Word Problems

Worksheet #: 29Q

Solve the following word Problems.

1. Sarah's pencil is 15 centimeters long, and Jack's pencil is 12 centimeters long. How much longer is Sarah's pencil than Jack's?
2. The length of a rectangular bookshelf is 120 centimeters, and its width is 60 centimeters. What is the perimeter of the bookshelf?
3. Emma runs 2 kilometers to the park and 3 kilometers back home. How far does she run in total?
4. A ribbon is 85 centimeters long. If Sarah cuts off 20 centimeters from one end and 15 centimeters from the other end, how long is the remaining ribbon?
5. The length of a rectangular swimming pool is 12 meters, and the width is 6 meters. What is the area of the pool?
6. Jacob is building a model bridge that is 40 centimeters long. If the actual bridge is 20 times longer, how long is the real bridge?
7. Lily walks 500 meters to the store and then 350 meters to her friend's house. How far did she walk in total?
8. The length of a rope is 5 meters and 80 centimeters. If 2 meters and 30 centimeters of the rope is cut, how much remains?

Solve the following word Problems.

1. Problem: Sarah's pencil is 15 centimeters long, and Jack's pencil is 12 centimeters long. How much longer is Sarah's pencil than Jack's?

Answer: Sarah's pencil is 3 centimeters longer than Jack's.

2. Problem: The length of a rectangular bookshelf is 120 centimeters, and its width is 60 centimeters. What is the perimeter of the bookshelf?

Answer: The perimeter of the bookshelf is 360 centimeters.

3. Problem: Emma runs 2 kilometers to the park and 3 kilometers back home. How far does she run in total?

Answer: Emma runs a total distance of 5 kilometers.

4. Problem: A ribbon is 85 centimeters long. If Sarah cuts off 20 centimeters from one end and 15 centimeters from the other end, how long is the remaining ribbon?

Answer: The remaining ribbon is 50 centimeters long.

5. Problem: The length of a rectangular swimming pool is 12 meters, and the width is 6 meters. What is the area of the pool?

Answer: The area of the pool is 72 square meters.

6. Problem: Jacob is building a model bridge that is 40 centimeters long. If the actual bridge is 20 times longer, how long is the real bridge?

Answer: The real bridge is 800 centimeters (8 meters) long.

7. Problem: Lily walks 500 meters to the store and then 350 meters to her friend's house. How far did she walk in total?

Answer: Lily walked a total distance of 850 meters.

8. Problem: The length of a rope is 5 meters and 80 centimeters. If 2 meters and 30 centimeters of the rope is cut, how much remains?

Answer: 3 meters and 50 centimeters of the rope remain.