

Grade: 4

Category: Word Problems: Measurement

Subcategory: length

Worksheet #:71Q

Solve the following problems.

Worksheet 1: Customary Units (Inches, Feet)

1. John's pencil is 6 inches long, and Lisa's pencil is 3 inches long. How much longer is John's pencil than Lisa's pencil?
2. Sarah's room is 12 feet wide and 15 feet long. What is the perimeter of her room?
3. Bob's bookshelf is 5 feet tall. If he stacks 8 books, each 1 inch thick, on the shelf, how tall is the stack of books?
4. There are 4 inches of snow on the ground. If it snows 2 more inches, how much snow will there be in total?
5. Lisa's piece of string is 9 feet long. She cuts off 3 feet from the string. How long is the remaining string?

Worksheet 2: Metric Units (Millimeters, Centimeters, Meters)

6. A pencil is 150 millimeters long. How long is the pencil in centimeters?
7. The width of a book is 2 centimeters, and its height is 30 centimeters. What is the perimeter of the book?
8. Sarah's room is 3 meters wide and 4 meters long. What is the area of her room?
9. There are 200 millimeters of rain in a rain gauge. If it rains an additional 100 millimeters, how much rain will there be in total?
10. Lisa's piece of string is 50 centimeters long. She cuts off 15 centimeters from the string. How long is the remaining string?

Worksheet 3: Mix of Customary and Metric Units

11. John's pencil is 6 inches long, and Lisa's pencil is 10 centimeters long. How much longer is John's pencil than Lisa's pencil?
12. Sarah's room is 8 feet wide and 2 meters long. What is the perimeter of her room?
13. Bob's bookshelf is 5 feet tall. If he stacks 20 books, each 2 centimeters thick, on the shelf, how tall is the stack of books?
14. There are 200 millimeters of snow on the ground. If it snows 4 inches more, how much snow will there be in total?
15. Lisa's piece of string is 30 centimeters long. She cuts off 5 inches from the string. How long is the remaining string?

Worksheet 1: Customary Units (Inches, Feet)

1. Answer: John's pencil is 3 inches longer than Lisa's pencil.
2. Answer: The perimeter of Sarah's room is 54 feet.
3. Answer: The stack of books on Bob's bookshelf is 8 inches tall.
4. Answer: There will be 6 inches of snow in total.
5. Answer: The remaining string is 6 feet long.

Worksheet 2: Metric Units (Millimeters, Centimeters, Meters)

6. Answer: The pencil is 15 centimeters long.
7. Answer: The perimeter of the book is 64 centimeters.
8. Answer: The area of Sarah's room is 12 square meters.
9. Answer: There will be 300 millimeters of rain in total.
10. Answer: The remaining string is 35 centimeters long.

Worksheet 3: Mix of Customary and Metric Units

11. Answer: John's pencil is 1 inch longer than Lisa's pencil.
12. Answer: The perimeter of Sarah's room is 16 feet 2 meters.
13. Answer: The stack of books on Bob's bookshelf is 35 centimeters tall.
14. Answer: There will be 7 inches of snow in total.
15. Answer: The remaining string is 12 centimeters long.