

Name _____

Grade 6 Measurement Word Problems



1. Area of a Triangle: A triangle has a base of 8 centimeters and a height of 12 centimeters. Calculate the area of the triangle.
2. Volume of a Cylinder: A cylinder has a radius of 5 centimeters and a height of 10 centimeters. Calculate the volume of the cylinder.
3. Speed Calculation: A car travels a distance of 250 kilometers in 2.5 hours. Calculate the speed of the car in kilometers per hour.
4. Scale Drawing: A blueprint of a building is drawn at a scale of 1 centimeter represents 5 meters. If a room on the blueprint measures 4 centimeters in length, what is the actual length of the room?
5. Circumference of a Circle: A circle has a diameter of 12 centimeters. Calculate the circumference of the circle.
6. Time Conversion: A flight takes 6 hours and 45 minutes. Convert this time to minutes.
7. Surface Area of a Cube: A cube has an edge length of 5 centimeters. Calculate the surface area of the cube.
8. Temperature Conversion: The temperature outside is 25 degrees Celsius. Convert this temperature to Fahrenheit.
9. Ratio: In a bag of marbles, the ratio of red marbles to blue marbles is 3:5. If there are 36 blue marbles, how many red marbles are there?
10. Perimeter of a Rectangle: A rectangle has a length of 15 centimeters and a width of 8 centimeters. Calculate the perimeter of the rectangle.