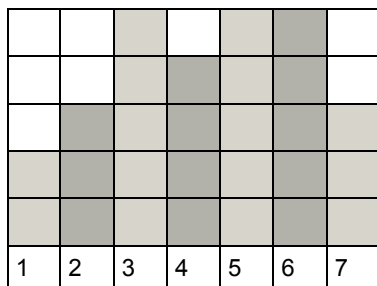


Measurement Conversion Word Problems - Length/Distance

1. Zach made a chart to show how many mm his plant grew each week for 7 weeks. Each block equals 5 mm of growth. How tall is the plant?



_____ centimeters

2. Susie begins a new walking program with 600 m on the first day. Each day, she will increase her walk by 200 m. How many kilometers will she walk on day 18 of her program?

_____ kilometers

3. Trudy wants to surround her garden on all four sides with fencing. Her rectangular garden is 270 cm by 130 cm. How many meters of fencing will she need?

_____ meters

4. Jin is training for the 50 meter dash. Each day that he trains, he runs the dash six times. Last week, he trained for four days. This week, he trained for five days. In two weeks, how far has Jin run?

_____ kilometers

5. Lu is stringing beads to make a necklace. She is using 30 of the 8 mm beads, 70 of the 4 mm beads, and 40 of the 2 mm beads. How long will her finished necklace be?

_____ centimeters

6. Mara is building a wind chime. She needs string in the following lengths: six pieces of 20 cm, 3 pieces of 30 cm and one piece of 40 cm. How much string does she need?

_____ meters

Measurement Conversion Word Problems - Liquid Volume

1. Mrs. Smith is planning a class party for 18 students. She will be serving apple juice. If she serves 250 ml per student, how many liters of juice will she need to buy?

_____ liters

2. Mr. Green's lawn mower holds 600 milliliters of gasoline in the tank. He just filled his 6 liter gas can at the station. How many times will he be able to fill his lawn mower tank from the gas can?

3. While Justin is in training, he is to drink 500 milliliters of water 4 times per day. How many liters of water will that be for one week?

_____ liters

4. A punch recipe calls for 3 liters ginger ale, 1.5 liters tropical fruit juice, and 500 milliliters pineapple juice. How much punch will the recipe make?

_____ liters

5. Sean has 3 2-liter bottles of soda. If he divides the soda equally between himself and his 11 friends, how much soda will each person have?

_____ milliliters

6. Ann is baking 2 cakes, brownies, cookies and 2 pies for the bake sale. The recipes call for milk in the following amounts: 230 ml, 50 ml, 120 ml, 200 ml, 300 ml, and 100 ml. How much milk does she need in all?

_____ liters

Name _____ Date _____

Measurement Conversion Word Problems - Weight

1. Ms. Bezel, the jewelry designer, ordered 500 grams of silver, 800 grams of brass, and 700 grams of copper. How many kilograms of metal did she order in all?

_____ kilograms

2. Eric has two dogs. He feeds each dog 250 grams of dry food each, twice a day. If he buys a 10-kilogram bag of dry food, how many days will the bag last?

3. Mr. Snow bought 90 grams of Christmas candy for each of his 14 grandchildren. How many total kilograms of candy did he buy?

_____ kilograms

4. The vet instructed Manuel to give his dog .5 milligrams of medication per 1 kilogram of the dogs weight. His dog weighs 12 kilograms. How much total medication should the dog have?

_____ milligrams

5. Sarah purchased 8kg of sugar, 10kg of flour, 500g of cocoa, 225g of pecans, and 275g of coconut. How much do all her groceries weigh in kilograms?

_____ kilograms

6. The adult dosage directions for 325mg aspirin tablets reads "take 1 or 2 tablets every 4 hours, not to exceed 12 tablets in 24 hours." In grams, what is the maximum amount of aspirin an adult should take in one day?

_____ grams

Measurement Conversion Word Problems ANSWERS

Length/Distance:

1. 1.35 centimeters
2. 4 kilometers
3. 8 meters
4. 2.7 kilometers
5. 60 centimeters
6. 2.5 meters

Liquid Volume

1. 4.5 liters
2. 10 times
3. 14 liters
4. 5 liters
5. 500 milliliters
6. 1 liter

Weight

1. 2 kilograms
2. 20 days
3. 1.26 kilograms
4. 6 milligrams
5. 19 kilograms
6. 3.9 grams