

Instructions

Read each question carefully. For the first section, circle the best answer. For the second section, write your answer on the line provided.

Part 1: Multiple Choice Questions

Choose the correct answer for each question.

1. What is the best unit to measure the length of your classroom?
a) centimeters (cm) b) meters (m) c) kilometers (km)
2. A brand new pencil is about 19 cm long. Round this to the nearest 10 cm.
a) 10 cm b) 20 cm c) 30 cm
3. What is the best unit to measure the mass (weight) of a watermelon?
a) grams (g) b) kilograms (kg) c) milliliters (mL)
4. A bag of grapes weighs 1,350 g. This is the same as:
a) 1 kg 35 g b) 13 kg 50 g c) 1 kg 350 g
5. A small juice box usually holds 200 ____.
a) Liters (L) b) milliliters (mL) c) grams (g)
6. A large bottle of milk is 2 L. How many milliliters (mL) is that?
a) 20 mL b) 200 mL c) 2000 mL
7. A hamster weighs 186 g. Round its mass to the nearest 100 g.
a) 100 g b) 190 g c) 200 g
8. Which is longer? **1 meter** or **120 centimeters**?
a) 1 meter b) 120 centimeters c) They are equal
9. A recipe needs 47 mL of oil. Round this amount to the nearest 10 mL.
a) 40 mL b) 50 mL c) 60 mL
10. What is the best unit to measure the distance you travel to get to school?
a) meters (m) b) centimeters (cm) c) kilometers (km)
11. A puppy weighs 5 kg. A cat weighs 4,800 g. Which is heavier?
a) The puppy b) The cat c) They weigh the same

12. Your desk is 63 cm wide. Round its width to the nearest 10 cm.
a) 60 cm b) 70 cm c) 50 cm
13. A measuring jug has 650 mL of water. You pour out 150 mL. How much water is left?
a) 500 mL b) 800 mL c) 1 L
14. What is a good estimate for the mass (weight) of a single strawberry?
a) 15 g b) 150 g c) 1 kg
15. What is a good estimate for the length of an adult's shoe?
a) 30 cm b) 30 m c) 3 cm
16. A textbook has a mass of 824 g. Round its mass to the nearest 10 g.
a) 800 g b) 820 g c) 830 g
17. A small paddling pool can hold 80 L of water. A kitchen sink can hold 25 L. Which holds more?
a) The paddling pool b) The kitchen sink c) They hold the same
18. Round 651 mL to the nearest 100 mL.
a) 600 mL b) 650 mL c) 700 mL
19. Which is shorter? **3 kilometers** or **3,100 meters**?
a) 3 kilometers b) 3,100 meters c) They are equal
20. A bag of potatoes has a mass of 5 kg. How many grams is that?
a) 50 g b) 500 g c) 5000 g

Part 2: Short Answer Questions

Write your answer on the line provided.

1. A piece of ribbon is 78 cm long. Round its length to the nearest 10 cm.

2. List two items you would measure the length of using **meters (m)**.

3. A baker has a 10 kg bag of flour. He uses 4 kg for today's baking. How much flour is left?

4. Round a mass of 362 grams to the nearest 100 grams.

5. List two items you would measure the mass (weight) of using **grams (g)**.

6. A water bottle holds 1 L of water. If you drink 400 mL, how much water is left in the bottle? (Hint: 1 L = 1000 mL)

7. A bathtub is filled with 92 L of water. Round this capacity to the nearest 10 L.

8. List two containers whose capacity you would measure in **Liters (L)**.

9. A plant was 142 cm tall. It grew 8 cm taller. How tall is the plant now?

10. A bowl of soup has a capacity of 550 mL. You have a spoon that holds 10 mL. How many spoonfuls would it take to finish the soup?

Answer Key

Part 1: Multiple Choice Questions

1. b) meters (m)
2. b) 20 cm
3. b) kilograms (kg)
4. c) 1 kg 350 g
5. b) milliliters (mL)
6. c) 2000 mL
7. c) 200 g
8. b) 120 centimeters
9. b) 50 mL
10. c) kilometers (km)
11. a) The puppy (5 kg = 5000 g)
12. a) 60 cm
13. a) 500 mL
14. a) 15 g
15. a) 30 cm
16. b) 820 g
17. a) The paddling pool
18. c) 700 mL
19. a) 3 kilometers (3 km = 3000 m)
20. c) 5000 g

Part 2: Short Answer Questions

1. 80 cm
2. (Sample answers) A room, a car, a swimming pool, a tree.
3. 6 kg
4. 400 grams
5. (Sample answers) A pencil, a feather, a grape, a coin.
6. 600 mL (1000 mL - 400 mL)
7. 90 L
8. (Sample answers) A milk jug, a large soda bottle, a bathtub, a fish tank.
9. 150 cm
10. 55 spoonfuls