Grade 3 Worksheet

Instructions

Read each question carefully. For Part A, circle the best answer or fill in the blanks. For Part B, write your answer or draw in the space provided. Good luck!

Part A: Multiple Choice & Fill-in-the-Blanks

1. The length of a crayon is best measured in...
   (A) meters (m) (B) kilometers (km) (C) centimeters (cm)

2. The mass (weight) of a watermelon is best measured in...
   (A) grams (g) (B) kilograms (kg) (C) milliliters (ml)

3. A large bottle of soda usually contains about 2...
   (A) Liters (L) (B) milliliters (ml) (C) grams (g)

4. Choose the correct symbol to compare: **500 cm _____ 5 m**
   (A) > (B) < (C) =

5. The distance from your home to your school is likely measured in...
   (A) centimeters (cm) (B) meters (m) (C) kilometers (km)

6. Choose the correct symbol to compare: **1 kg _____ 900 g**
   (A) > (B) < (C) =

7. A small cup of yogurt would be measured in...
   (A) Liters (L) (B) milliliters (ml) (C) kilograms (kg)

8. Which is **lighter**?
   (A) A leaf (B) A school bag full of books

9. Fill in the blank: 1000 grams = kilogram(s).

10. A line that goes straight across, like the horizon, is called a line.

11. How many sides does a rectangle have?
    (A) 3 (B) 4 (C) 6

12. Fill in the blank: 100 centimeters = meter(s).

13. Which holds **less**?
    (A) A swimming pool (B) A teacup

14. The mass (weight) of an apple is about 150...
    (A) grams (g) (B) kilograms (kg) (C) meters (m)

15. Choose the correct symbol to compare: **2000 ml _____ 2 L**
    (A) > (B) < (C) =

16. All four sides of a _____ are equal in length.
    (A) rectangle (B) square

17. A line that goes straight up and down is called a line.

18. Fill in the blank: 1000 milliliters = Liter(s).

19. How many corners (or vertices) does a rectangle have?
    (A) 3 (B) 4 (C) 5

20. **True or False:** In a rectangle, opposite sides are equal in length.

Part B: Drawing & Short Answers

1. Use a ruler to draw a straight, **horizontal line** that is **6 cm** long.

2. Use a ruler to draw a straight, **vertical line** that is **4 cm** long.

3. Draw a **square** where each side is **4 cm** long. Label the length of one side.

4. Draw a **rectangle** that has a length of **7 cm** and a width of **3 cm**. Label the length and the width.

5. What is the main difference between the square you drew and the rectangle you drew?

   _____

   _____

6. Sam has a toy car track that is 80 cm long. He adds another piece that is 40 cm long. What is the total length of the track in centimeters? Show your work.

   _____

7. An empty bucket has a mass of 500 g. If you put 2 kg of sand in it, what is the total mass of the bucket with the sand in grams? (Hint: 1 kg = 1000 g) Show your work.

   _____

8. A jug contains 1 L of juice. If you pour out a glass of 300 ml, how much juice is left in the jug in milliliters? (Hint: 1 L = 1000 ml) Show your work.

   _____

9. Look at the rectangle you drew for question 4. How many sides and corners does it have?

   Sides: _____ Corners: _____

10. Look at the square you drew for question 3. Are all the sides equal? (Yes / No)

    Answer: _____

Answer Key

Part A

1. (C) centimeters (cm)
2. (B) kilograms (kg)
3. (A) Liters (L)
4. (C) =
5. (C) kilometers (km)
6. (A) >
7. (B) milliliters (ml)
8. (A) A leaf
9. 1
10. horizontal
11. (B) 4
12. 1
13. (B) A teacup
14. (A) grams (g)
15. (C) =
16. (B) square
17. vertical
18. 1
19. (B) 4
20. True

Part B

1. A straight line drawn from left to right that measures 6 cm.
2. A straight line drawn from top to bottom that measures 4 cm.
3. A shape with four equal sides, each measuring 4 cm, with four right angles. One side should be labeled "4 cm".
4. A shape with four sides and four right angles. The two longer, opposite sides should measure 7 cm and be labeled "length" or "7 cm". The two shorter, opposite sides should measure 3 cm and be labeled "width" or "3 cm".
5. A square has four equal sides. A rectangle has two pairs of equal sides (opposite sides are equal), but all four sides are not necessarily equal.
6. 80 cm + 40 cm = **120 cm**.
7. 2 kg = 2000 g. Total mass = 2000 g + 500 g = **2500 g**.
8. 1 L = 1000 ml. Juice left = 1000 ml - 300 ml = **700 ml**.
9. Sides: **4**, Corners: **4**
10. **Yes**