

WORKSHEET ON DECIMALS

Name of the Student:

Score:

1. Dolly wanted to buy the following items: A **DVD player** for \$**49.50**, a **DVD holder** for \$**15.25** and a **CD** for \$**21.25**. Does Dolly have enough money to buy all three items if she has \$**100** with her?
Answer:
2. The weight of 4 girls are : 33.500 kg , 32 kg 25g, 30250 g, 30 kg. Find the total weight of 4 girls in kilograms.
Answer: Total weight = _____
3. A) Subtract: $5.445 - 0.24 =$ _____
 $100 - 0.05 =$ _____
b) Add: $100.50 + 299 + 100.50 =$ _____
6. Simplify: a) $2.8 + 1.1 - 2.9$
b) $5 - 3.5 + 1.5$
- 7.a) Laiba swam two freestyle laps in forty-three and thirty-two hundredths seconds. Write her time as a decimal.
b) In what decimal is the hundreds, hundredths and thousandths place values 5, and the remaining place values are 0? Write the decimal number.
8. Mom is making a cake. She needs 1.87 lb. flour, 0.76 lb. sugar and 0.83 lb. cream. Which ingredient does she need most?
Answer
9. What should be added to 25m 5cm to get 26m?
10. Energy content of different foods are as follows:

Food	Energy Content per kg
Wheat	3.2 Joules
Rice	5.3 Joules
Potatoes	3.7 Joules
Milk	3.0 Joules

Which food provides the least energy and which provides the maximum?
Express the least energy as a fraction of the maximum energy.

11. In the 400-meter race, Hade ran in 54.3 seconds, Porter ran in 55.6 seconds, Harry ran in 52.7 seconds and Andy ran in 54.1 seconds. Who is the fastest? Order the person names according to the time .

Answer: Fastest is _____

Order of Names :

12. The apples weigh 24.56 pounds and those oranges weigh 24.38 pounds. Which is heavier and how much heavier than the other?

Answer: heavier is _____

Heavier than the other by _____pounds.

13. Shifa bought a icecream for rupees 45 and 5 paise, and chocolate for Rs 14.50 and gave the shopkeeper a 100 rupee note. How much balance did she get back? Express the answer in rupees.

Answer: Rs _____

14. Ayesha bought 4.2 kg of sugar. He poured the sugar equally into 2 bottles. What was the mass of sugar in 1 bottle?

Answer : Weight or Mass of sugar in each bottle is _____ kg.

- 15.a) Fill the following decimals in the blank spaces below.

3.206, 0.594, 7.358, 11.893, 17.436

Ans : $10 < \underline{\hspace{2cm}} < 15$ (number which is more than 10 than less than 15)

$0 < \underline{\hspace{2cm}} > 1$

$5 > \underline{\hspace{2cm}} > 1$

$10 > \underline{\hspace{2cm}} > 5$

- b) Which set of decimals is ordered from the greatest to least?

a) $6.351 > 6.38 > 6.35 > 6.33$

b) $6.35 > 6.38 > 6.351 > 6.33$

c) $6.38 > 6.351 > 6.35 > 6.33$

16. a) The value of 50 coins of 50 paise = Rs _____

b) 3kg Apple and 75g Apple = _____kg

c) 5201g = _____kg

d) 2345m = _____km

e) 1537cm = _____m

17. Which one is greater? 1 metre 40 centimetres + 60centimetres or 2.6metres
18. Alka purchased 1kg 200g potatoes, 25g dhania, 5kg 30g onion, 500g palak and 2kg 6g tomatoes. Find the total weight of her purchases in kilograms.
19. Hasna needs to trace a circle with a diameter between 12.2cm and 12.8cm for an art project. She has a glass with a diameter of 12.5cm. Can she use the glass for her tracing? Give reason.
20. The temperature in the classroom was 21.8°C . Claire left the door open and the temperature dropped by 3.7°C . Rohan turned the radiators up and the classroom temperature rose by 5.7°C . What was the temperature now?