

# Guru Gobind Singh Public School

Sector V/B, B. S. City

## Holiday Assignment (Winter Vacation) Session 2019 – 20

Subject: Mathematics

Class: IV

Solve the problems in a thin copy

1. Add the following

a)  $7201 + 536 + 3299$

b) Rs.  $455.20 + \text{Rs. } 392$

c)  $94 \text{ kg } 329 \text{ g} + 13 \text{ kg } 45 \text{ g}$

d)  $15 \text{ hours } 42 \text{ minutes} + 7 \text{ hours } 50 \text{ minutes}$

2. Subtract

a)  $17006 - 5324$

b)  $4 \text{ hours } 45 \text{ minutes}$  from  $10 \text{ hours } 30 \text{ minutes}$

c)  $24 \text{ m } 45 \text{ cm} - 13 \text{ m } 29 \text{ cm}$

d) Rs.  $9.70$  from Rs.  $13.52$

3. Simplify

a)  $53992 + 7526 - 14892$

b)  $7096 + 8592 - 12930$

4. a) Find the actual and estimated sum  $452 + 168$  (Round off to the nearest 10).

b) Find the actual and estimated difference  $1573 - 827$  (Round off to the nearest 100).

5. Write the place value of all digits a)  $13.359$  b)  $852.94$

6. What time is it? a) 2 hours after  $1:50 \text{ pm.}$  b) 4 hours before  $9:20 \text{ am.}$

7. Write the equivalent decimal a)  $16.29$  b)  $10.501$

8. Multiply a) Rs.  $234.62 \times 12$  b) Rs.  $252.45 \times 8$

9. Divide a)  $120.50 \div 5$  b) Rs.  $513.18 \div 9$

10. Convert the following

a)  $21\frac{2}{10}$  into decimal b)  $52.002$  into fraction

c)  $43 \text{ m } 7 \text{ cm}$  into m d)  $92 \text{ km } 134 \text{ m}$  into m

e)  $\frac{2}{5}$  hours into minutes f)  $46391 \text{ g}$  into kg and g

g)  $352 \text{ minutes}$  into hours and minutes h)  $39 \text{ L } 325 \text{ ml}$  into ml

- i) 3 hours 40 minutes into minutes      j) 7 weeks 5 days into days
11. Express in 24 hour clock time    a) 7: 15 am.      b) 9: 20 pm.
12. Express in 12 hour clock time    a) 1845 hours      b) 0725 hours
13. When 8724 is added to a certain number, the sum obtained is 54321, find the number.
14. Mr. Sharma bought a plot for Rs. 217000 and build a house on it. If construction cost of the house is Rs. 315000, find the total amount he invested.
15. A TV programme starts at 10:30 am and ends at 2:15 pm. How long was the programme?
16. The weight of two boxes are 204 kg 350 g and 167 kg 275 g. Which one is heavier and by how much?
17. The side of a square field is 50 m long. Find its area.
18. Out of a roll of water pipe of 85 m, two lengths of 32 m 22 cm and 28 m 61 cm are cut. What is the length of water pipe left in the roll?
19. Ramesh left school at 3:30 pm. It takes 55 minutes to reach home. At what time does he reach home?
20. Ravi paid Rs. 475 to the fruit seller for purchasing some apples. If the shopkeeper returned Rs.26.50 how much did he pay for the apples?
21. A bathtub holds 110 L of water. 10800 ml of water drains out. How much water is left in the tub?
22. A field is bounded by four sides of 12 m, 15 m, 20 m and 31 m. Find the length of the boundary.