

CRPF PUBLIC SCHOOL, ROHINI
SECOND Intra School Mathematics Olympiad 2011
CLASS V
SOLUTIONS

SECTION A

1. b
2. c
3. a
4. d
5. c
6. a
7. d
8. c
9. a
10. a
11. c
12. b
13. c
14. e
15. b

SECTION B

16. Length of the garden = 50m
Width of the garden = 80m
Perimeter of the garden = $2 \times (l + b)$
 $= 2 \times (50\text{m} + 80\text{m})$
 $= 2 \times 130\text{m} = \mathbf{260\text{m}}$
So, he would require 260m of wire for fencing.
17. Cost of the doll = Rs.75.35
Difference in the money she had = Rs 4.75
Money Neha had = Rs. 75.35 – Rs. 4.75 = **Rs 70.60**
So, Neha had Rs 70.60
18. Milk consumed in a day = 2.5 L
No. of days in April = 30
Milk consumed in April = $2.5 \text{ L} \times 30$
 $= \mathbf{75 \text{ L}}$
So, 75 L of milk will be used in April.

19. Cost price of dining table = Rs. 18000
Profit = Rs. 9500
Selling price = C.P. + Profit
= Rs 18000 + Rs 9500 = **Rs 27500**
So, S.P. of the dining table is Rs 27500

20. a. $4\text{km} + 5\text{km} + 6\text{km} = \mathbf{18\text{km}}$
b. $14 + 10 + 4 + 5 + 9 = \mathbf{42}$
c. **2km** (students coming from that distance is 14)
d. **3km**