



ST. LAWRENCE HIGH SCHOOL

A Jesuit Christian Minority Institution



Sub: Arithmetic
Duration: 40 Min

Class: 7
Worksheet 41
UNITARY METHOD

Date: 25.06.20
Full Marks: 15

Choose the correct options:

1. 9 cds costs ₹ 45, 5 cds will cost
 - (a) ₹ 52
 - (b) ₹ 630
 - (c) ₹ 25
 - (d) ₹ 360
2. Cost of 12 pens is ₹ 108, cost of 5 will be...
 - (a) ₹ 54
 - (b) ₹ 45
 - (c) ₹ 450
 - (d) ₹ 544
3. 10 pens costs ₹ 30, 19 pens will cost , how many ??
 - (a) ₹ 64
 - (b) ₹ 57
 - (c) ₹ 3
 - (d) ₹ 300
4. A racer had travelled 500m when he was at the $\frac{1}{4}$ mark. How far would he travel if he did the track twice?
 - (a) 500m
 - (b) 1000m
 - (c) 2km
 - (d) 4km
5. The amount of money earned on a job is directly proportional to the number of hours worked. If ₹ 70.00 is earned in 5 hours, how much money is earned in 22 hours of work?
 - (a) ₹ 2
 - (b) ₹ 308
 - (c) ₹ 1.57
 - (d) ₹ 265
6. The time to complete a project varies inversely with the number of employees. If 3 people can complete the project in 7 days, how long will it take 5 people?
 - (a) 4.2
 - (b) 3
 - (c) 5
 - (d) 6
7. The time needed to travel a certain distance varies inversely with the rate of speed. If it takes 8 hours to travel a certain distance at 36 miles per hour, how long will it take to travel the same distance at 60 miles per hour?
 - (a) 4.8
 - (b) 5
 - (c) 6
 - (d) 5.2
8. If one hat is worth 12 rupees, then what will be worth of 5 hats ?
 - (a) 30 rupees
 - (b) 40 rupees
 - (c) 60 rupees
 - (d) 50 rupees
9. How much will 9 fidget spinners cost, if cost of 1 such spinners is ₹ 27?
 - (a) 252
 - (b) 243
 - (c) 4
 - (d) 423

10. If 20 kg of cake is ordered for 100 people in a party, how much cake will be needed for 250 people?
- (a) 40 kg
 - (b) 50 kg
 - (c) 35 kg
 - (d) None of these
11. The cost of 7 toys is ₹ 420. Find the cost of 12 such toys.
- (a) 450
 - (b) 320
 - (c) 720
 - (d) 270
12. The annual rent for a house is ₹ 36,000. What will be the rent for 5 months?
- (a) 15000
 - (b) 18000
 - (c) 20000
 - (d) 14000
13. 5 buses carry 325 passengers how many passengers can be carried by 8 such buses?
- (a) 430
 - (b) 520
 - (c) 510
 - (d) 340
14. A bicycle factory produces 1505 bicycles in a week. How many bicycles will it produce in 30 days?
- (a) 4560
 - (b) 5640
 - (c) 6540
 - (d) 6450
15. A big mac burger weighs 240g. It costs ₹ 6.45. How much on average is it per gram? Round to 3 decimal place.
- (a) ₹ 0.027 per gram
 - (b) ₹ 0.028 per gram
 - (c) ₹ 0.042 per gram
 - (d) ₹ 0.043 per gram