



# ST. LAWRENCE HIGH SCHOOL

A Jesuit Christian Minority Institution



**Sub: Arithmetic**  
**Duration: 40 Min**

**Class: 7**  
**Worksheet Solutions 43**  
**UNITARY METHOD**

**Date: 27.06.20**  
**Full Marks: 15**

**Choose the correct options:**

1. If 12L of petrol is used by a bike in covering a distance of 222km, how much distance will it cover in 22 L of petrol  
(a) **407**  
(b) 507  
(c) 410  
(d) 412
2. The weight of 56 books is 8kg. What is the weight of 154 such books?  
(a) **22kg**  
(b) 23kg  
(c) 30kg  
(d) 35kg
3. By travelling through a train, it costs Rs230 for 184km. How much will it cost on travelling 525 km  
(a) **656.25**  
(b) 665.25  
(c) 566.25  
(d) 600.25
4. 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
5. 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
6. 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
7. The cost of 7 toys is \$ 294. Find the cost of 2 toys.  
(a) 80  
(b) **84**  
(c) 79  
(d) 40
8. The cost of 12 kg of sugar is \$ 240. What will be the cost of 3 kg of sugar?  
(a) **60**  
(b) 70  
(c) 50  
(d) 66
9. The annual rent of a house is \$ 3600. Find the rent of 5 months.  
(a) 3000  
(b) 2000  
(c) **1500**

- (d) 120000
10. If 10 bananas cost Rs 20 what is the cost of 7 bananas
- (a) Rs 7
  - (b) Rs 14**
  - (c) Rs 10
  - (d) Rs 20
11. If 5 kg of sugar cost AED 55 what is the cost of 8 kg of sugar?
- (a) AED 11
  - (b) AED 188
  - (c) AED 88**
  - (d) AED 156
12. If four bicycle lamps cost £16 how much would seven lamps cost?
- (a) 28 GBP**
  - (b) 36 GBP
  - (c) 48 GBP
  - (d) 42 GBP
13. A student can swim seven lengths in 28 minutes. At the same speed how long would it take her to swim six lengths?
- (a) 24 min**
  - (b) 44 min
  - (c) 28 min
  - (d) 180 min
14. The song "Out of Reach" is put on repeat play. If eighteen plays of the track last 63 minutes how many minutes would four plays take?
- (a) 14mins**
  - (b) 21mins
  - (c) 28mins
  - (d) 283mins
15. If twenty one workers can dig 294 holes in an hour. How many holes could thirty one workers dig in an hour?
- (a) 434**
  - (b) 343
  - (c) 242
  - (d) 421