

# **ST. ANDREWS SCOTS SCHOOL**

**Adjacent Navniti Apartments,**  
**I.P. Extension, Patparganj, Delhi-110092**

**Session - 2025-2026**

**Class: V**

**Subject: Mathematics**

**Topic: Unit -8 (Unitary Method)**

Questions to be done-

Ex-1 Q.1 MCQ(Book)

Q.2,Q.3 and Q.5 (Notebook)

Mental Maths Corner(Homework)

Real life connect

## Lesson-8 : Unitary Method

### Warm Up

1. Cost of 1 kg *laddoos* = ₹280  
Cost of 2.5 kg *laddoos* =  $2.5 \times ₹280 = ₹700$
2.  $1\frac{1}{2}$  dozen *samosas* =  $\frac{3}{2}$  dozen *samosas* =  $\frac{3}{2} \times 12$  *samosas*  
=  $\frac{36}{2}$  *samosas* = 18 *samosas*  
Cost of 1 *samosa* = ₹ 12  
Cost of 18 *samosas* = ₹ 12  $\times$  18 = ₹ 216

### Exercise-1

1. (a) (iii) Number of bags required to pack 7 kg of wheat flour = 1  
Number of bag required to pack 1 kg of wheat flour =  $\frac{1}{7}$   
 $\therefore$  Number of bags required to pack 245 kg of wheat flour  
=  $\frac{245}{7} = 35$
- (b) (iii) Number of days required to read 42 pages = 1  
Number of day required to read 1 page =  $\frac{1}{42}$   
Number of days required to read 1428 pages =  $\frac{1428}{42} = 34$
- (c) (iii) The cost of a dozen (or 12) books = ₹ 1920  
 $\therefore$  The cost of one book = ₹  $1920 \div 12 = ₹ 160$   
 $\therefore$  The cost of 7 books = ₹  $160 \times 7 = ₹ 1120$
2. Distance covered by train in 9 hours = 828 km  
Distance covered by train in 1 hour =  $\frac{828}{9}$  km = 92 km  
Distance covered by train in 6 hours =  $92 \times 6$  km = 552 km
3. Quantity of rice consumed by 80 students = 1440 kg  
Quantity of rice consumed by 1 student =  $\frac{1440}{80}$  kg = 18 kg  
Quantity of rice consumed by 120 students =  $18 \times 120$  kg = 2160 kg
4. Cost of 5 chocolates = ₹ 225  
Cost of 1 chocolate = ₹  $\frac{225}{5} = ₹ 45$   
Cost of 9 chocolates = ₹  $45 \times 9 = ₹ 405$
5. Distance travelled by truck in 25 minutes = 18 km  
Distance travelled by truck in 1 minute =  $\frac{18}{25}$  km  
Distance travelled by truck in 5 hours or 300 minutes  
=  $\frac{18 \times 300}{25}$  km = 216 km