

## L7 Mixed operations

7.1.1 Please solve the following in notebook with proper steps and working.

- a. Jai bought 5 shuttlecocks that cost Rs 35 each.
  - i. How much did the shuttlecocks cost altogether?
  - ii. If Jai gave the cashier Rs. 200. How much change would he get back?
  
- b. Riya is weaving a scarf. She needs 98 pieces of wool that are 3 metres long to get the loom ready. She has 250 metres of yarn. Will it be enough? If not how much more yarn will she need?
  
- c. Mr. Swamy needs 358 sweet limes for his juice shop each day. Sweet limes come in boxes of 9. How many boxes would he need to buy every day?
  
- d. A rectangular park is 52m long and 36 m wide.
  - i. What would be the length of the fence going all around it?
  - ii. What is the area of the park?
  
- e. Jaya buys 12 bottles of water, 4 loaves of bread, and 3 packages of cheese. The water costs Rs. 12 a bottle, the bread Rs. 14 a loaf, and the cheese Rs. 48 a packet. How much will she have to pay the shop keeper?
  
- f. A dining hall is 128 ft long. How many tables can be place lengthwise in the hall if each table needs a space of 8 ft?
  
- g. *328 children and 15 teachers are going on an excursion. Each bus can hold 42 people. They have 7 buses. Will they be able to accommodate all the children and the teachers? If not, how many extra people do they have?*
  
- h. *A group of teachers and children are out on an excursion. They are sleeping on mats in a large hall which is 158 ft long and 54 ft broad. 25 people can sleep lengthwise in the hall and 18 people can sleep breadth wise.*
  - i. *What is the length of each mat?*
  - ii. *What is the breadth of each mat?*
  - iii. *What is the total number of people the hall can accommodate for sleeping?*
  
- i. *Mr Tarun bought 7 boxes of apples. Each box contained 48 apples. He then sold some apples at \$2 for 5 apples. He collected \$90. How many apples were left unsold?*
  
- j. *How many hours are there in 3240 minutes?*

k. The total weight of 4 dictionaries and 1079 exercise books is 75 kg (75,000 gm). If each exercise book weighs 68 gm, what is the weight of each dictionary?

**End of L7**