



BGS Vijnatham School

WORKSHEET 2

Case Study 1

BGS Vijnatham School organised a three-day Book Fair to encourage reading habits among students. On the first day, 18,745 books were sold. On the second day, 22,860 books were sold, and on the third day, 19,375 books were sold. After the fair, 15,420 books still remained unsold in the store.

Answer the following:

- a) How many books were sold during the three days?
- b) How many books were there in the store before the Book Fair began?
- c) If each book costs ₹225, what was the total amount collected from the books sold on the second day?

Case Study 2:

During the Van Mahotsav celebration, students of Class V planted saplings in different areas of the city. They planted 14,875 saplings in parks, 18,920 along roadsides, and 16,405 near schools. Sadly, 2,385 saplings died due to lack of rainfall. The remaining plants continued to grow well.

Answer the following:

- a) How many saplings were planted altogether?
- b) How many saplings survived?
- c) If each sapling cost ₹38, what was the total cost of planting the roadside saplings?

Case Study 3:

Class V students visited a Science Museum. There were 245 students from five different schools, and each school sent the same number of students. Along with them, 18 teachers also joined the visit. At the end of the day, 36 students stayed back to participate in a science quiz competition.

Answer the following:

- a) How many students came from each school?
- b) How many people (students and teachers) visited the museum?
- c) How many students returned with the main group?

Case Study 4:

A toy factory manufactures educational toys throughout the year. Every day it produces 2,845 toys and works for 275 days in a year. Out of the total toys produced, 4,85,650 toys were supplied to different schools, while the remaining toys were kept in the warehouse for future orders.

Answer the following:

- a) How many toys were manufactured in one year?
- b) How many toys remained in the warehouse?
- c) If one toy costs ₹185, what is the value of 500 toys?

Case Study 5:

The school library purchased 24,850 English books, 18,765 Hindi books, and 16,980 Science books this year. During the first month, 14,650 books were issued to students for reading. The librarian plans to arrange all the books equally on 120 shelves.

Answer the following:

- a) How many books were purchased altogether?
- b) How many books remained in the library after issuing books?
- c) How many books will be kept on each shelf if distributed equally?

Case Study 6:

Students organised a charity drive to help flood-affected families. They collected ₹2,45,860 on Monday, ₹3,16,950 on Tuesday, and ₹2,98,475 on Wednesday. Out of the total collection, ₹5,25,000 was donated immediately, while the remaining amount was kept for purchasing relief materials.

Answer the following:

- a) Find the total amount collected.
- b) How much money was left after the donation?
- c) If one relief kit costs ₹875, how much money is needed to buy 250 kits?

Case Study 7:

A dairy farm supplied milk to nearby schools and hospitals. It collected 3,48,650 litres of milk on Monday, 3,25,480 litres on Tuesday, and 3,42,975 litres on Wednesday. During these three days, 6,75,250 litres of milk were supplied to customers, while the remaining milk was used to make dairy products.

Answer the following:

- a) How much milk was collected altogether?
- b) How much milk remained after supplying customers?
- c) If one milk packet contains 2 litres, how many packets can be made from the remaining milk?

Case Study 8:

Four houses participated in the Annual Sports Championship. They scored 4,825, 5,140, 4,965, and 5,385 points respectively. The winning house received ₹120 for every point scored as a cash award to purchase sports equipment.

Answer the following:

- a) What was the total score of all four houses?
- b) By how many points did the winning house defeat the lowest-scoring house?
- c) How much prize money did the winning house receive?

Case Study 9:

A textile factory stitched 4,285 school uniforms every month. It worked continuously for 12 months. Out of the total uniforms stitched, 45,680 uniforms were supplied to schools across the state. The remaining uniforms were stored in the warehouse.

Answer the following:

- a) How many uniforms were stitched in one year?
- b) How many uniforms remained in the warehouse?
- c) If one uniform costs ₹650, what is the total value of 250 uniforms?

Case Study 10:

The school canteen purchased 2,450 juice boxes, 3,275 milk cartons, and 1,860 fruit packets for the Annual Sports Meet. During the event, 5,280 food items were sold. The remaining items were distributed among volunteers. The canteen also ordered 150 trays, each containing 24 cupcakes, for the closing ceremony.

Answer the following:

- a) How many food items were purchased altogether?
- b) How many food items remained after the Sports Meet?
- c) How many cupcakes were ordered for the closing ceremony?