FRACTIONS

(Part – Whole Concept)

Example 1:
Halimah spent $36 of her money on a calculator and $\frac{2}{3}$ of her remaining money on an alarm clock. If she had $\frac{1}{5}$ of her money left, how much money did she have at first?

Ans : _____________

Example 2:
Alan spent $\frac{2}{3}$ of his money on a WiFi speaker and $\frac{1}{5}$ of the remaining on a pair of Nike shoes. If he paid a total of $220, how much money did Alan have at first?

Ans : _____________
1. Alvin just received his pocket money. He spent $80 on text books and \( \frac{2}{3} \) of the remainder on comics. If he is left with \( \frac{1}{5} \) of the money, how much money did Alvin have at first?

Ans: _____________

2. Bonny baked a cake. She gave \( \frac{1}{2} \) kg of the cake to a neighbour. She gave \( \frac{1}{6} \) of the remainder to her sister. If she had \( \frac{1}{2} \) of her cake left, what was the mass of the cake she baked?

Ans: _____________
3. Candice bought some grapes. She gave $\frac{1}{2}$ kg of the grapes to her daughter and $\frac{3}{4}$ of the remaining to her son. If she had $\frac{1}{6}$ of the grapes left, how many kg of grapes did she buy?

Ans : _____________

4. Alice has planned to go for a holiday trip. She spent $800 on air ticket to Hong Kong and $\frac{1}{6}$ of the remaining money on a luggage. She had $\frac{1}{2}$ of her money left for trip expenses. How much did she have at first?

Ans : _______________
5. Sam received some pocket money. He spent $100 on a pair of shoes and \(\frac{5}{6}\) of the remaining on a watch. If he had \(\frac{1}{10}\) of his pocket money left, how much did he receive for his pocket money?

Ans: _______________

6. Dan helps his father selling fish balls in the market. He sold 90 of them in the morning and \(\frac{1}{3}\) of the remainder in the afternoon. If he still had \(\frac{1}{2}\) of the stock left at the end of the day, how many fish balls were there in the stall at first?

Ans: _______________
7. Anna read 52 pages of a book on Saturday. On Sunday, she read \( \frac{1}{3} \) of the remaining pages. If she still had \( \frac{1}{2} \) of the book left to be read, how many pages were there in the books?

Ans: _____________

8. Hayden had some marbles. He gave Tom 120 marbles. He gave \( \frac{2}{9} \) of the remainder to Harry. He found that he had \( \frac{1}{2} \) of his original number of marbles left. How many marbles did Hayden have at first?

Ans: _____________
9. Reagan spent $1360 on computer and \( \frac{3}{7} \) of the remainder on a printer. After that he had \( \frac{1}{3} \) of the money left. How much did he have at first?

Ans: _____________

10. Fatimah filled up a jug with some lemon juice. She drank \( \frac{1}{4} \) of it and her sister drank \( \frac{1}{3} \) of the remainder. If they drank a total of 540 ml of the lemon juice, what was the volume of lemon juice in the jug at first?

Ans: _____________