

Practice questions (class VI)  
Mathematics

1. Simplify the following :-

(i)  $18 - 5 + 16 - 9 + 2$

(ii)  $75 \div 5 - 45 \times 2 \text{ of } 5$

(iii)  $28 \div 4 - 3 \times 16$

2. Arrange the following fractions in the ascending order: -

$$\frac{1}{6}, \frac{2}{5}, \frac{3}{4}, \frac{1}{3}$$

3. Compare the following fractions using  $>$ ,  $<$  or  $=$

(i)  $\frac{2}{5} \square \frac{1}{3}$       (ii)  $\frac{1}{4} \square \frac{3}{5}$

4. A recipe requires  $\frac{3}{5}$  cup of milk and  $\frac{1}{6}$  cup of flour. How much more milk than flour is required?

5. Simplify the following -

(i)  $6\frac{1}{5} + 7\frac{1}{3} - 5\frac{1}{4}$

(ii)  $20\frac{1}{9} - 5\frac{1}{3} - 11\frac{1}{9}$

6. A ribbon, which is  $6\frac{1}{2}$  m long, is cut into two pieces. The length of one piece is  $2\frac{2}{5}$  m. Find the length of the other piece.

7. Find the difference between the greatest and smallest fraction :-

$$\frac{1}{3}, \frac{2}{3}, \frac{5}{7}, \frac{9}{11}$$

8. Convert the following to fraction -

(i) 14.75    (ii) 0.35    (iii) 2.34    (iv) 0.18

9. Convert the following fractions to decimals -

(i)  $5\frac{1}{2}$     (ii)  $3\frac{1}{9}$     (iii)  $\frac{11}{15}$     (iv)  $\frac{5}{7}$

10. Simplify the following :-

(i)  $24 - 25.89 + 15.26$

(ii)  $10 - 3.77 - 2.53$

11. The maximum temperature in Delhi on Thursday was  $44.5^{\circ}\text{C}$  and on Friday it was  $45.2^{\circ}\text{C}$ . Find the temperature difference of these two days.