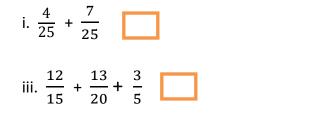
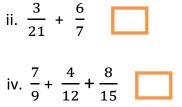
Addition and Subtraction of Unlike Fractions

1. Add the following unlike fractions.





1. Subtract the following unlike fractions:



2. Find the sum

a.
$$3\frac{4}{5} + 13\frac{2}{7}$$
 b. $1\frac{2}{5} + 7\frac{2}{8}$ c. $4\frac{1}{3} + 4\frac{1}{5} + 8\frac{1}{6}$

- 3. Find the difference
 - a. $9\frac{5}{8} 7\frac{4}{9}$ b. $3\frac{2}{9} 1\frac{7}{8}$ c. $8\frac{2}{5} 3\frac{1}{4}$
- 4. Simplify

a.
$$4\frac{1}{10} - 2\frac{3}{5} + 3\frac{1}{8}$$
 b. $6\frac{1}{2} + 2\frac{3}{3} + 1\frac{1}{4}$ c. $9\frac{1}{5} - 2\frac{3}{4} + 2\frac{7}{10}$

5. Simplify

(i)
$$3\frac{2}{7} + \frac{1}{7} - 2\frac{3}{7}$$
 (ii) $6 - \frac{1}{3} - 3\frac{3}{5} + 5\frac{1}{6}$

- 6. Sanjana has 28 oranges. She eats $\frac{1}{7}$ of them.
 - a. How many oranges does she eat?______.
 - b. How many oranges are left with her?______.
- 7. Mary has 30 toffees. She gives $\frac{1}{6}$ of them to Sarika and $\frac{1}{5}$ of them to Srishti. The rest she keeps with herself. How many toffees does she have with her?
- 8. Arjun bought 8 litres of petrol. He used $3\frac{1}{2}$ litres of petrol in his car and $2\frac{1}{9}$ litres in his bike. How much petrol was used? How much petrol was left?
- 9. Out of 40 students in a class, $\frac{1}{8}$ like pepsi, $\frac{3}{4}$ liked Coke, two students like Marinda and remaining students did not like any drink?
- 10. A 5 metres long piece of rope was cut into two pieces. If one piece was $1\frac{1}{4}$ metres long find the length of other piece?
- 11. Param was given $1\frac{1}{2}$ piece of cake and Saloni was given $2\frac{1}{3}$ piece of cake.Find the total amount of cake given to both of them.
- 12. Rajneet swims for $8\frac{1}{2}$ hours during the school week and $6\frac{3}{4}$ hours on weekends. How much time does he swim each week in all?
- 13. Kareena bought $2\frac{2}{5}$ metre of ribbon and Amina $3\frac{1}{4}$ metre of ribbon. What is the total length of the ribbon they bought?
- 14. A $9\frac{1}{2}$ metres long piece of rope was cut into two pieces. If one piece was $6\frac{3}{4}$ metres long, find the length of other piece.
- 15. Ketan had Rs. 50 He spent half of his pocket money in buying chocolates and, onethird of it in buying pencils and erasers. What part of money is still left with him?
- 16. A fraction is added to $\frac{1}{3}$, we get $\frac{3}{7}$. Find the fraction.

- 17. A squirrel climbed up $\frac{3}{5}$ of a pole but is slipped down $\frac{1}{6}$ of the pole. What part of the pole did it finally climb?
- 18. Mrs Kanta knits $\frac{1}{4}$ of a sweater on Tuesday. On Wednesday she knits another $\frac{1}{6}$ part of the sweater. What part of the sweater was weaved by her during both the days?