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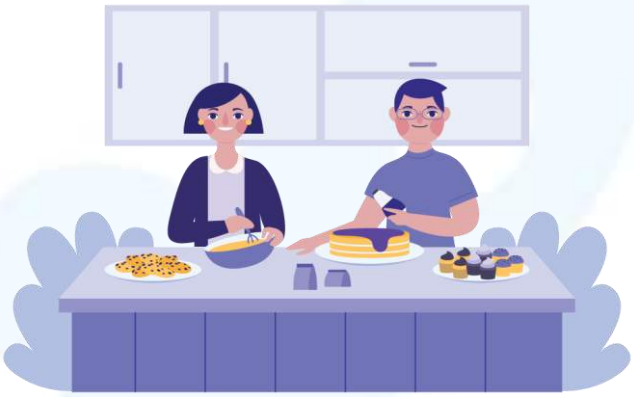
ADDING AND SUBTRACTING FRACTIONS WITH LIKE DENOMINATORS-II

1) Check whether the given equation is correct or not:
$\frac{9}{20}+\frac{3}{20}-\frac{2}{20}=\frac{15}{20}$

2) Thames and Paula participated in a baking competition as a team. James decorated $\frac{3}{8}$th portion of a cake, while Paula decorated $\frac{2}{8}$th. How much portion of the cake is left to be decorated.



3) Find: $\frac{6}{7}-(\frac{1}{7}+\frac{2}{7})$

4) Fill in the blanks: The common denominator of $\frac{7}{24}$ and $\frac{14}{48}$ after simplification is _____.

5) Two kinds of fish can be found in a small tank that is 2 feet long. The blue fish is $\frac{2}{10}$feet long and the orange fish is $\frac{7}{10}$ feet long. How much longer is the orange fish?

6) Find the missing term:

$? + \frac{2}{11} - \frac{9}{11} = 1\frac{2}{11}$

7) Shae spent $\frac{2}{4}$ of an hour biking and $1\frac{1}{4}$ of an hour jogging. Afterwards, she swam for $\frac{3}{4}$ of an hour. How much time did Shae exercise before she went swimming?

8) Solve the given expressions and compare the result using = or ≠ signs.

$\frac{1}{13} - \frac{4}{13} + \frac{7}{13} \square \frac{4}{13} + \frac{1}{13}$

9) Fill in the blanks:

$\frac{11}{31} - \frac{1}{31} + \frac{9}{31} =$ _____

10) State whether true or false:

Like fractions can only be added/subtracted using cross-multiplication method.

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- Barbara Cabrera

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ANSWERS

1)	Incorrect
2)	$\frac{3}{8}$
3)	$\frac{3}{7}$
4)	24
5)	$\frac{1}{2}$ ft
6)	$1\frac{9}{11}$
7)	$1\frac{3}{4}$ hours
8)	$\neq$
9)	$\frac{19}{31}$
10)	False

FUN FACT

1. The early applications of fractions included the division of food, supplies and the absence of a bullion currency.
2. If you have different denominators for the terms while adding or subtracting fractions, then you can either use cross multiplication or calculate the LCM of denominators and find and operate numerators accordingly.
3. The word fraction has its origin from the Latin word "fractio", meaning "to break".