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ADDING AND SUBTRACTING FRACTIONS WITH UNLIKE DENOMINATORS-III

1) Solve the following expression: $\frac{1}{6} + \frac{2}{3} - \frac{1}{4}$.



2) Nora ate $\frac{4}{5}$ of a pizza and Jenny ate $\frac{3}{4}$ of the same pizza. How much portion of pizza is left if they together bought 2 pizzas?



3) Solve the expression:

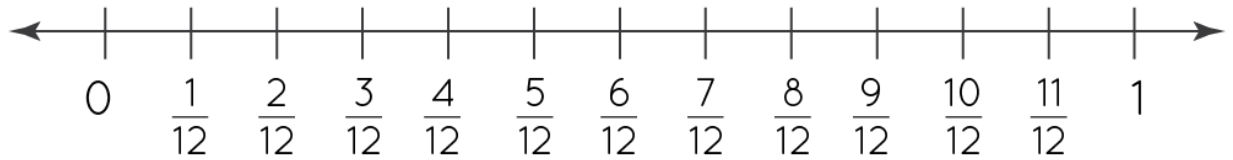
$$\frac{5}{12} + \frac{5}{18} - \frac{5}{36}$$

4) Match the columns:

A	B
1. $\frac{1}{5} + \frac{1}{7} - \frac{1}{9}$	a. $\frac{55}{315}$
2. $\frac{1}{5} - \frac{1}{7} + \frac{1}{9}$	b. $\frac{73}{315}$
3. $\frac{1}{7} - \frac{1}{5} + \frac{1}{9}$	c. $\frac{17}{315}$

5) Solve the following expression on the number line given below:

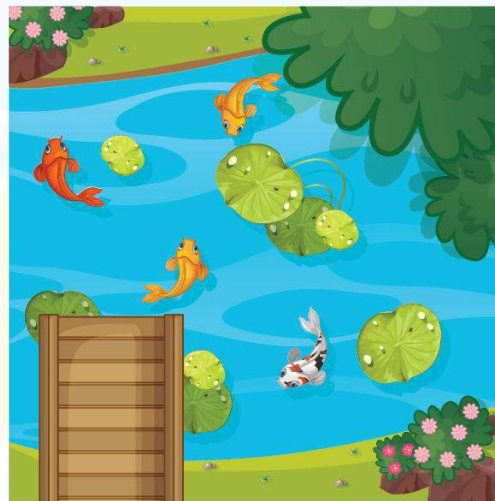
$$\frac{1}{4} + \frac{2}{3} - \frac{5}{12}$$



6) Find the missing term:

$$? - \frac{9}{17} - \frac{7}{9} = \frac{2}{9}$$

7) In a fish pond, if there are $\frac{1}{4}$ red colored fish and $\frac{5}{7}$ yellow colored fish and the remaining green colored fish. what is the total fraction of green colored fish in the pond?



8) Solve:

$$\frac{6}{11} - \frac{2}{13} + 3$$

9) State whether True or False:

Cross multiplication method can be used to add/subtract fractions.

10) Fill in the blanks:

$$\text{---} - \frac{7}{9} + \frac{1}{4} = 2$$

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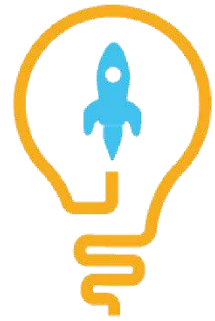
- Kirk Riley

"I appreciate the effort that miss Nitya puts in to help my daughter understand the best methods and to explain why she got a problem incorrect. She is extremely patient and generous with Miranda."

- Barbara Cabrera

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ANSWERS

1)	$\frac{7}{12}$
2)	$\frac{20}{9}$
3)	$\frac{5}{9}$
4)	1--b; 2--a; 3--c
5)	$\frac{6}{12} = \frac{1}{2}$
6)	$1\frac{9}{17}$
7)	$\frac{1}{28}$
8)	$3\frac{56}{143}$
9)	True
10)	$2\frac{19}{36}$

FUN FACT

1. The early applications of fractions included the division of food, supplies and the absence of a bullion currency.
2. The word [fraction](#) has its origin from the Latin word "fractio", meaning "to break".
3. 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.

