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ADDING AND SUBTRACTING MIXED NUMBERS WITH LIKE DENOMINATORS-IV

1) Subtract the sum of $1\frac{4}{5}$ and $2\frac{1}{5}$ from 7.

2) Compare the following equation using $>$, $<$ or $=$.

$$8\frac{1}{4} - 2\frac{1}{4} \square 9\frac{3}{4} + 3\frac{3}{4}$$

3) Solve and find the answer:

$$1\frac{3}{4} + 3\frac{1}{4} - \frac{1}{4}$$

4) Detroit receives $2\frac{3}{4}$ inches of snowfall on Christmas morning. It receives $1\frac{3}{4}$ inches of snowfall by evening. How many inches of snowfall in all did Detroit receive on Christmas Day??



5) Solve the following on a number line:

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



6) State whether true or false:

$$2\frac{4}{7} + 2\frac{1}{7} = 2(\frac{4}{7} + \frac{1}{7})$$

7) Mrs. Warner bakes a cake. The boys in the house ate $\frac{4}{13}$ of it and the girls indulged in $\frac{7}{13}$ of the cake. What fraction of the cake was leftover?



8) Solve of the following and represent the answer on a number line: $1\frac{6}{7} + 2\frac{5}{7} - \frac{4}{7}$



9) Find the missing terms:

$$2\frac{3}{16} + 1\frac{2}{16} = ?\frac{?}{16} + \frac{2}{16}$$

10) Fill in the blanks:

$$2\frac{1}{19} + \underline{\quad} = 3 + \frac{2}{38}$$

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in an interesting way,
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Why choose Cuemath?

"Cuemath is a valuable addition to our family. We love solving puzzle cards. My daughter is now visualizing maths and solving problems effectively!"

- Gary Schwartz

"Cuemath is great because my son has a one-on-one interaction with the teacher. The instructor has developed his confidence and I can see progress in his work. One-on-one interaction is perfect and a great bonus."

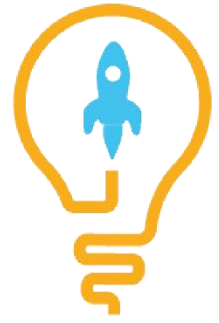
- Kirk Riley

"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)	3
2)	<
3)	$4\frac{3}{4}$
4)	$4\frac{1}{2}$ inches
5)	$1\frac{3}{4}$
6)	False
7)	$\frac{2}{13}$
8)	4
9)	3, 3
10)	1

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. Indians started writing the fraction in the form of numerators over denominators, only without the vinculum.

