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ADDING AND SUBTRACTING MIXED FRACTIONS WORKSHEET-4

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

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

$$7\frac{1}{4} - 1\frac{1}{4} \square 9\frac{3}{4} + 3\frac{3}{4}$$

3) Solve and find the answer:

$$1\frac{1}{2} + 3\frac{1}{3} - \frac{1}{4}.$$

4) It usually took Ramen $1\frac{3}{4}$ hours to ride his bike to work. But on Monday, his bike was broken, so he took the bus to work which took $\frac{2}{5}$ hours lesser than the usual. He stopped at a nearby park for $\frac{1}{4}$ hours. How much time did it take Ramen to reach office?



5) Solve the following on a number line:

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



6) State whether true or false:

$$1\frac{1}{2} + 1\frac{1}{3} = 1(\frac{1}{2} + \frac{1}{3})$$

- 7) James is $4\frac{6}{12}$ years old. His father is $29\frac{3}{12}$ years older than him. While his mother is $3\frac{1}{4}$ years younger than his father. Find his mother's age in years and months.



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



- 9) Find the missing terms:

$$2\frac{3}{169} + 1\frac{2}{169} = ?\frac{?}{169} + \frac{2}{169}$$

- 10) Fill in the blanks:

$$2\frac{7}{19} + \underline{\hspace{1cm}} = 1 + \frac{2}{38}$$

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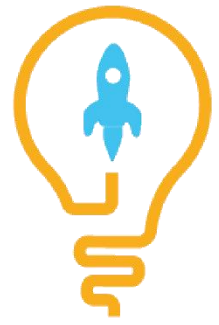
- Kirk Riley

"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)	$2\frac{22}{35}$
2)	<
3)	$4\frac{7}{12}$
4)	$1\frac{3}{5}$ hours
5)	2
6)	False
7)	30 years 6 months
8)	4
9)	3, 3
10)	$1\frac{6}{19}$

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.

