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Adding and Subtracting Mixed Numbers Worksheets

- 1) Rosa needed to finish 3 assignments during the week. She completed the first assignment in $\frac{1}{2}$ hours. The second assignment took $\frac{1}{4}$ hours lesser while the third assignment took $\frac{1}{4}$ hours more than the first. How much time did it take her to complete the assignments.



- 2) Solve: $\frac{1}{2} - \frac{1}{4} + \frac{1}{4} - \frac{1}{4}$:

- a) $\frac{1}{4}$
- b) $\frac{1}{2}$
- c) $\frac{3}{4}$
- d) None of the above

- 3) Check whether the following equation is correct or not.

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

4) Match the columns:

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

5) Fill in the blanks:

The common denominator of $3\frac{7}{4}$ and $1\frac{5}{6}$ is ____.

6) Add the following mixed fractions:

$$1\frac{2}{7}, 1\frac{2}{3}, \frac{1}{2}$$

7) Find the missing term:

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

8) Jim worked part-time at a restaurant down the street. His usual shift is $2\frac{1}{3}$ hours per day. Today, he worked overtime for $4\frac{2}{3}$ hours but took an extra $\frac{1}{3}$ hours break. For how many hours did he work today?



9) A number is $4\frac{1}{7}$ smaller than the fraction $11\frac{2}{7}$. Find the number.

10) A _____ fraction is the sum of a whole number and a proper fraction.

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- 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."

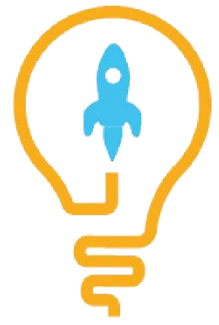
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"I appreciate the effort that miss Nitya puts in to help my daughter understand the best methods and to explain why she got a problem incorrect. She is extremely patient and generous with Miranda."

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**ANSWERS**

1)	$12\frac{1}{6}$ hours
2)	b)
3)	Correct
4)	1--c; 2--a; 3--b
5)	12
6)	$3\frac{19}{42}$
7)	$1\frac{58}{63}$
8)	$6\frac{2}{3}$ hours
9)	$7\frac{1}{7}$
10)	Mixed

FUN FACT

1. The fraction whose numerator is smaller than the denominator is known as proper fraction.
2. Every [fraction](#) with [denominator](#) of powers of 10 can be written as a decimal notation.
3. The word [fraction](#) is derived from the Latin word "fractio", which means "to break".

