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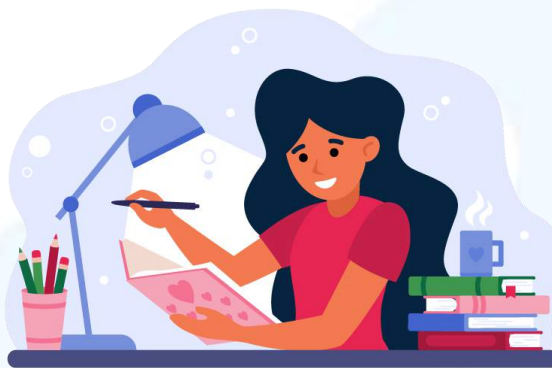
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## ADDING AND SUBTRACTING MIXED FRACTIONS WORKSHEET-2

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



- 2) Solve:  $1\frac{4}{10} - 1\frac{4}{5} + 3\frac{1}{5}$ :

- a)  $2\frac{7}{5}$
- b)  $2\frac{4}{5}$
- c)  $3\frac{1}{5}$
- d) None of the above

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

$$3\frac{1}{7} + 1\frac{3}{7} = 5\frac{6}{7} - 1\frac{2}{7}$$

- 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) Find the difference of the following mixed fractions:

$$4\frac{4}{7} - 1\frac{2}{3} - 2\frac{1}{4}$$

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) When adding/subtracting fractions with unlike denominators you must first find their \_\_\_\_\_.

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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."

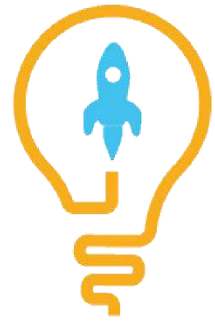
- Kirk Riley

"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)	$12\frac{1}{6}$ hours
2)	b)
3)	Correct
4)	1--c; 2--a; 3--b
5)	12
6)	$\frac{55}{84}$
7)	$1\frac{58}{63}$
8)	$6\frac{2}{3}$ hours
9)	$7\frac{1}{7}$
10)	LCM

## 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".

