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## Adding and Subtracting Mixed Numbers With Unlike Denominators Worksheets

- 1) Jennifer had to finish 3 assignments during the week. She completed the first assignment in  $3\frac{1}{2}$  hours. The second assignment took  $\frac{2}{4}$  hours lesser while the third assignment took  $2\frac{4}{8}$  hours more than the first. How much time did it take her to complete the assignments.



- 2) Solve:  $1\frac{4}{5} - 1\frac{4}{10} + 2\frac{1}{15}$ :
- a)  $2\frac{7}{15}$
  - b)  $2\frac{4}{15}$
  - c)  $3\frac{1}{5}$
  - d) None of the above
- 3) Check whether the following equation is correct or not.
- $$3\frac{1}{8} + 1\frac{3}{4} = 5\frac{6}{8} - 1\frac{6}{7}$$

4) Match the columns:

A	B
1. $3\frac{2}{14} + \frac{2}{7} - 1\frac{1}{7}$	a. $1\frac{5}{9}$
2. $1\frac{4}{9} + \frac{2}{18}$	b. $1\frac{6}{11}$
3. $3\frac{3}{33} - 1\frac{6}{11}$	c. $2\frac{2}{7}$

5) Fanny goes jogging  $3\frac{1}{4}$  hours in the morning and  $2\frac{1}{2}$  hours in the evening. Find the total time she spends on jogging in a day.



6) Add the following mixed fractions:

$$1\frac{6}{21}, 4\frac{6}{7}, \frac{2}{14}$$

7) Find the missing term:

$$? + 2\frac{4}{18} = 4\frac{5}{9}$$

8) Fiona adds  $\frac{3}{4}$  cups of chocolate syrup and  $4\frac{2}{8}$  cups of milk while preparing milkshake for her friends. Find the total number of cups Fiona adds of both.

9) A number is  $6\frac{1}{3}$  smaller than the fraction  $6\frac{1}{2}$ . Find the number.

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

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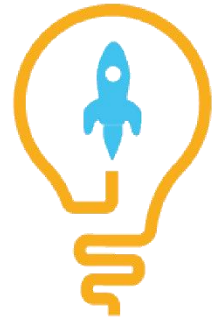
- Kirk Riley

"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."

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**ANSWERS**

1)	9 hours
2)	a)
3)	Incorrect
4)	1--c; 2--a; 3--b
5)	$5\frac{3}{4}$ hours
6)	$6\frac{2}{7}$
7)	$2\frac{1}{3}$
8)	5 cups
9)	$2\frac{5}{6}$
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".

