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ADDING AND SUBTRACTING MIXED NUMBERS WITH LIKE DENOMINATORS-II

- 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 $\frac{1}{2}$ hours lesser while the third assignment took $2\frac{1}{2}$ hours more than the first. How much time did it take her to complete the assignments.



- 2) Solve: $1\frac{4}{5} - 1\frac{4}{5} + 3\frac{1}{5}$:
- $2\frac{7}{5}$
 - $2\frac{4}{5}$
 - $3\frac{1}{5}$
 - None of the above

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

$$3\frac{1}{4} + 1\frac{3}{4} = 5\frac{6}{7} - 1\frac{6}{7}$$

- 4) Match the columns:

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

5) Fanny goes jogging $3\frac{1}{2}$ 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:

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

7) Find the missing term:

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

8) Fiona adds $\frac{3}{4}$ cups of chocolate syrup and $4\frac{1}{4}$ cups of milk while preparing milkshake for her friends. Find the total number of cups Fiona adds of both.

9) A number is $6\frac{1}{7}$ 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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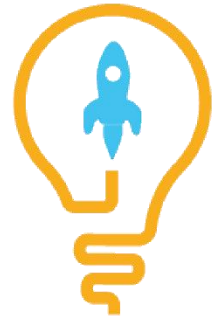
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**ANSWERS**

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

