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## Adding and Subtracting Mixed Numbers With Unlike Denominators Worksheets

- 1) Jon harvested  $2\frac{1}{3}$  acres of land the first day, while  $3\frac{5}{6}$  acres the next day. How many acres of land did Jon harvest?



- 2) Solve:  $1\frac{1}{2} + 3\frac{1}{2} - 2\frac{1}{4}$
- 3) To which number should the sum  $1\frac{2}{3}$  and  $3\frac{2}{6}$  be added to give  $9\frac{1}{3}$  as the result?
- 4) State whether True or False:  
A mixed fraction is the sum of a whole number and a proper fraction.
- 5) Which of the following options give 6 as result on solving?
- a)  $9\frac{4}{8} - 3\frac{2}{9}$
  - b)  $9\frac{1}{9} - 3\frac{2}{18}$
  - c)  $3\frac{8}{18} + 2\frac{5}{9}$
  - d) None of the above
- 6) Evaluate the following mixed unlike fractions:  
 $3\frac{4}{9} - \frac{4}{18} + 1\frac{2}{18} - \frac{5}{9}$

7) Find the missing term:

$$? + (3\frac{1}{4} + \frac{1}{2}) = 7\frac{2}{4}$$

8) Smith drives his car to office every morning for  $2\frac{2}{5}$  hours. In the evening, it takes him  $1\frac{5}{3}$  hours extra to travel back home due to heavy traffic. Find the total time Smith takes in a day to commute.



9) A number is  $4\frac{1}{2}$  greater than the fraction  $1\frac{2}{8}$ . Find the number.

10) Fill in the blanks:

$$3\frac{7}{8} + \frac{9}{4} = \text{---} + \frac{5}{4}$$

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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."

- 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)	$\frac{44}{6}$ acres
2)	$2\frac{3}{4}$
3)	$4\frac{1}{3}$
4)	True
5)	b), c)
6)	$3\frac{7}{9}$
7)	$3\frac{3}{4}$
8)	$5\frac{1}{15}$ hours
9)	$5\frac{6}{8}$
10)	$4\frac{7}{8}$

## FUN FACT

1. The word fraction originated from the Latin word 'fractio' that means 'to break'.
2. The fraction whose numerator is greater than the denominator is known as improper fraction.
3. Every fraction with denominator of powers of 10 can be written as a decimal notation.

