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Common Denominator Worksheets

1) Fill in the blanks:
   a) The sum of $\frac{1}{5}$ and $\frac{4}{5}$ is ____.
   b) We get ____ if we subtract $\frac{7}{9}$ from $\frac{11}{9}$.

2) Check whether the following equation is correct or not.

$$\frac{3}{20} + \frac{1}{20} = \frac{1}{5}$$

3) Jack and Jolly participated in a baking competition as a team. Jack decorated $\frac{3}{8}$ th portion of the cake with pink frosting, while Jolly decorated $\frac{3}{8}$ th portion of the cake with chocolate frosting. How much portion of the cake is left to be decorated?

4) Solve: $\frac{10}{13} + \frac{1}{13} + \frac{6}{13} + \frac{9}{13}$

5) Put the signs: >, < or = to make the following statements true.
   a) $\frac{15}{7}$ ____ $\frac{11}{7}$
   b) $\frac{21}{10}$ ____ $\frac{39}{10}$

6) Find the missing term: ? $+ \frac{2}{11} - \frac{9}{11} = 1\frac{2}{11}$

7) Ginny started reading a novel. She managed to finish $\frac{2}{5}$th of it the first day, while she read $\frac{3}{5}$th the other day. Find out if she has finished the entire novel.

8) The common denominator of $\frac{5}{24}$ and $\frac{11}{48}$ is ____

9) A number is greater by $\frac{14}{17}$ than the fraction $\frac{2}{17}$. Find that number.

10) Match the columns:

A	B
1. $\frac{5}{12} + \frac{2}{12}$	a. $\frac{2}{3}$
2. $\frac{7}{12} + \frac{1}{12}$	b. $\frac{7}{12}$
3. $\frac{9}{12} + \frac{1}{12}$	c. $\frac{5}{6}$

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"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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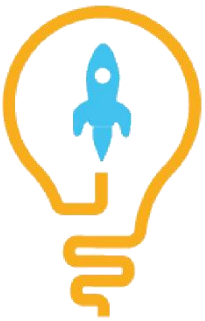
ANSWERS



1)	a) 1, b) $\frac{4}{9}$
2)	Correct
3)	$\frac{2}{8} = \frac{1}{4}$
4)	2
5)	a) >, b) <
6)	$\frac{20}{11} = 1\frac{9}{11}$
7)	Yes, she has finished the novel.
8)	48
9)	$\frac{16}{17}$
10)	1--b; 2--a; 3--c

FUN FACT

1. If you have different denominators for the terms while adding or subtracting fractions, then you can either use cross multiplication or calculate the least common multiple of denominators and find and operate numerators accordingly.

2. The fraction whose numerator is greater than the denominator is known as improper fraction.

3. The word fraction originated from the Latin word 'fractio' that means 'to break'.