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Adding Fractions With Different Denominators Worksheets

1) Add the given fractions: $\frac{4}{13} + \frac{5}{9}$

2) Solve for t : $t - \frac{8}{17} = \frac{37}{34}$

3) Add: $52\frac{1}{3} + 1\frac{1}{2} + 7\frac{12}{15}$

4) Arrange the following fractions in decreasing order:

a. $\frac{4}{5} - \frac{1}{5}$

b. $\frac{3}{5} + \frac{1}{5}$

c. $\frac{1}{5} + \frac{1}{5}$

5) Match the following:

a. $\frac{6}{5} + (-\frac{1}{4})$	i) $\frac{19}{21}$
b. $\frac{1}{3} + \frac{4}{7}$	ii) 2
c. $\frac{6}{7} + \frac{8}{7}$	iii) $\frac{19}{20}$

6) Find out which of the following fractions will be best suited for the given question mark: $\frac{11}{8} + 3 = ?$

a) $\frac{35}{4}$

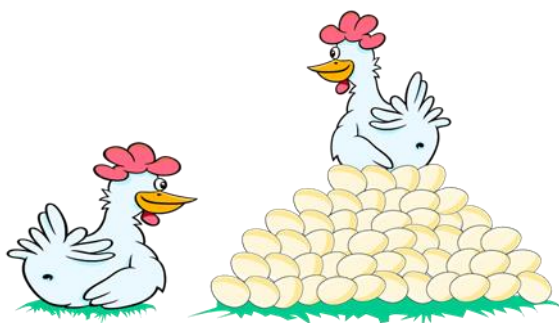
b) 24

c) $\frac{35}{8}$

d) $\frac{1}{8}$

7) Which fraction when added to the sum of fractions $\frac{5}{7}$ and $\frac{6}{5}$ gives result as $4\frac{26}{105}$?

- 8) A farmer had two hens. One of the two hens laid 3 dozen of eggs whereas the other hen laid two-third of 6 dozens. How many eggs were laid in total?



- 9) Fill in the blank with a fraction: $\frac{4}{9} + \frac{11}{18} = \underline{\hspace{1cm}}$

- 10) Fill the appropriate number in the box of the equation: $\frac{9}{\square} + \frac{5}{4} = \frac{19}{8}$

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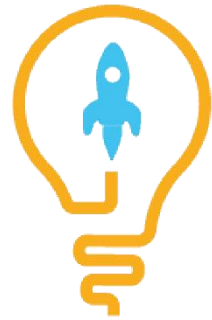
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ANSWERS

1)	$\frac{101}{117}$
2)	$t = \frac{53}{34}$
3)	$61\frac{19}{30}$
4)	$\frac{1}{5} + \frac{1}{5}, \frac{3}{5} + \frac{1}{5}, \frac{4}{5} - \frac{1}{5}$
5)	a) - iii), b) - i), c) - ii)
6)	c) $\frac{35}{8}$
7)	$\frac{7}{3}$
8)	84
9)	$\frac{19}{18}$
10)	8

FUN FACT

1. The fraction whose numerator is smaller than the denominator is known as proper fraction.
2. Indians wrote the fractions with one number above another (numerator and denominator), but without a line.
3. The word fraction is derived from the Latin word "fractio", which means "to break".

