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Common Denominator Worksheets

- 1) Solve and choose the correct representation indicating the answer: $\frac{2}{8} + \frac{3}{8} + \frac{1}{8}$



(a)



(b)



(c)



(d)

- 2) Find: $\frac{5}{12} + \frac{15}{12} - \frac{4}{12}$

- 3) Choose the pair of fraction(s) whose sum equals 1.

a) $\frac{6}{11}, \frac{5}{11}$

b) $\frac{6}{7}, \frac{2}{7}$

c) $\frac{4}{9}, \frac{2}{9}$

d) None of the above

- 4) Find the missing term: $? - \frac{9}{17} - \frac{7}{17} = \frac{2}{17}$

- 5) In an aquarium, if there are $\frac{1}{4}$ red colored fish and $\frac{2}{4}$ blue colored fish and the remaining yellow colored fish, what is the total fraction of yellow colored fish in the pond?

- 6) Fill in the blank using a fraction: $\underline{\hspace{1cm}} - \frac{7}{9} + \frac{1}{9} = \frac{2}{9}$

- 7) Katie bought $\frac{2}{7}$ th of the total dresses in blue while $\frac{3}{7}$ th dresses in yellow. What is the combined fraction of the blue and yellow dresses she bought?



- 8) State true or false
a) All equivalent fractions have common denominator.
b) Fraction with common denominator are called like fractions.

- 9) Match the columns A and B.

A	B
1. $\frac{2}{5} + \frac{3}{5} - \frac{1}{5}$	a. $\frac{2}{5}$
2. $\frac{3}{5} - \frac{2}{5} + \frac{1}{5}$	b. $\frac{4}{5}$
3. $\frac{4}{5} - \frac{6}{5} + \frac{2}{5}$	c. 0

- 10) What number should be added to $\frac{12}{5}$ so that the sum is $\frac{21}{5}$?

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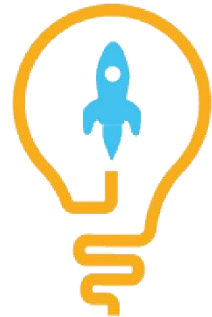
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ANSWERS



1)	$\frac{6}{8} = \frac{3}{4}$; a), c)
2)	$\frac{16}{12} = \frac{4}{3}$
3)	a) $\frac{6}{11}, \frac{5}{11}$
4)	$1\frac{1}{17}$
5)	$\frac{1}{4}$
6)	$\frac{8}{9}$
7)	$\frac{5}{7}$
8)	a) False, b) True
9)	1--b; 2--a; 3--c
10)	$\frac{9}{5}$

FUN FACT

1. Indians started numerator and denominator in a fraction one above the other, only without the vinculum.
2. Fractions with common denominator are called like fractions.
3. We use least common multiple of denominators to turn unlike fractions to like fractions.

