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Fractions Worksheets

- 1) Rachel has ordered a pizza for tonight. If she eats $\frac{1}{4}$ th of the pizza, and gives $\frac{3}{8}$ th of the pizza to her sister, then how much fraction of the pizza is left?



- 2) Fill in the blank:
“In an improper fraction, the denominator is always _____ the numerator”.
- a) Greater than
 - b) Less than
 - c) Equal to
- 3) The ratio of the decimal value of an improper fraction to a proper fraction will be:
- a) Less than 1
 - b) More than 1
 - c) Zero
 - d) Undeterminable
- 4) If in a village, $\frac{4}{17}$ th of the population is kids. Find the fraction of population that comprises adults.



5) Find the value of $\frac{4}{5} \div \frac{16}{25}$.

6) "Any two denominators of a fraction can be added given that the numerators are kept common by taking LCM." The given statement is

- a) Correct
- b) Incorrect

7) Find the value obtained when the fraction $\frac{5}{9}$ is added to the fraction $\frac{3}{9}$.

8) Match the following fractions:

a. $\frac{6}{5} - \frac{1}{5}$	i. $\frac{2}{3}$
b. $\frac{1}{3} + \frac{1}{3}$	ii. 1
c. $\frac{2}{7} + \frac{4}{7}$	iii. $\frac{6}{7}$

9) Compare the following fractions by using a $<$, $>$ or $=$ sign:

$$\frac{18}{11} \quad \square \quad \frac{15}{11}$$

10) While going to school, Harry realized that $\frac{2}{3}$ rd of his books are for mathematics. Out of those, $\frac{1}{3}$ rd of the books are for addition. How many mathematics books does he have which are non-addition mathematics books?

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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."

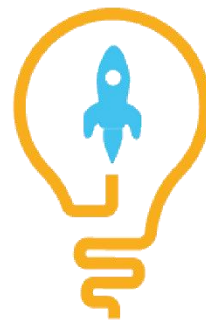
- Kirk Riley

"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."

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**ANSWERS**

1)	$\frac{3}{8}$
2)	b.
3)	a.
4)	$\frac{5}{4}$
5)	$\frac{13}{17}$
6)	b.
7)	$\frac{8}{9}$
8)	a--ii; b--ii; c--iii
9)	$\frac{18}{11} > \frac{15}{11}$
10)	$\frac{2}{3}$ rd

FUN FACT

1. An improper [fraction](#) is also known as a top-heavy fraction because it's [numerator](#) is always greater than the [denominator](#).
2. The Egyptians, were the first to have learnt fractions to resolve their mathematical problems.
3. The word fraction has its origin from the Latin word "fractio", meaning "to break".

