

ENGAGE

ENRICH

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**SRI VIDYANIKETAN
PUBLIC SCHOOL SRIRAMNAGAR**

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**GRADE – VII
MATHEMATICS
LIVE WORKSHEET**

SRI VIDYANIKETAN PUBLIC SCHOOL - SRIRAMNAGAR

 **LIVEWORKSHEETS**



1. A rational number is a number that can be represent in the form p/q , where p and q are:

(a) Natural numbers and $q \neq 0$

(b) Whole numbers and $q \neq 0$

(c) Non-negative integers and $q \neq 0$

(d) Integers and $q \neq 0$

2. The rational number $-\frac{21}{28}$ in standard form is

a. $\frac{-3}{4}$

b. $\frac{4}{3}$

c. $\frac{3}{7}$

d. $\frac{-3}{7}$

3. The sum of $\frac{5}{4} + \frac{(-25)}{4} =$ _____

a. $\frac{-20}{4}$

b. $\frac{30}{8}$

c. $\frac{20}{4}$

d. $\frac{-20}{8}$

4. Give any one rational numbers equivalent to $\frac{10}{3} =$ _____

a. $\frac{-30}{12}$

b. $\frac{30}{9}$

c. $\frac{5}{2}$

d. $\frac{20}{7}$

5. Solve $\frac{5}{5} + \frac{3}{5}$

a. $\frac{8}{5}$

b. $\frac{-2}{10}$

c. $\frac{8}{10}$

d. $\frac{15}{5}$

6. Solve $\frac{5}{4} - \frac{3}{2}$

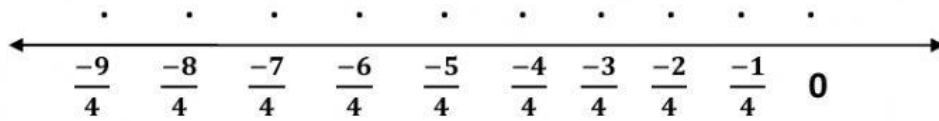
a. $\frac{-1}{4}$

b. $\frac{-2}{4}$

c. $\frac{1}{4}$

d. $\frac{15}{4}$

7. Represent on number line $-\frac{5}{4}$



8. How many rational numbers lie between 0 and 1

- a) 0 b) Infinite c) so many d) 100

9. Which of the following rational numbers are positive?

- a. $\frac{-11}{4}$ b. $\frac{2}{-4}$ c) $\frac{-21}{-3}$ d) $\frac{8}{-7}$

10. Which of the following rational numbers are negative?

- a. $\frac{-1}{4}$ b. $\frac{-21}{-44}$ c) $\frac{21}{88}$ d) $\frac{19}{7}$