



1. Which among the following is a rational number equivalent to

$$\frac{-5}{-3} ?$$

- (A) $\frac{-25}{15}$ (B) $\frac{-25}{-15}$ (C) $\frac{25}{15}$ (D) $\frac{-25}{30}$

2. If $\frac{(-3)}{x} = \frac{x}{(-27)}$, what is the positive value of 'x'?

- (A) - 9 (B) 9 (C) - 81 (D) 81

3. Which number is in the middle if $\frac{-1}{6}$, $\frac{4}{9}$, $\frac{-7}{9}$, $\frac{2}{5}$ and $\frac{-3}{4}$ are arranged in descending order?

- (A) $\frac{2}{5}$ (B) $\frac{4}{9}$ (C) $\frac{-1}{6}$ (D) $\frac{-6}{7}$

4. What is the average of the two middle rational numbers when $\frac{4}{-9}$, $\frac{-6}{9}$, $\frac{5}{9}$, $\frac{-7}{9}$, $\frac{8}{9}$ and $\frac{1}{9}$ are arranged in ascending order?

- (A) $\frac{1}{8}$ (B) $\frac{2}{7}$ (C) $\frac{-3}{7}$ (D) $\frac{-1}{6}$

5. Subtract $\frac{-5}{9}$ from $\frac{-3}{7}$.

- (A) $\frac{62}{63}$ (B) $\frac{8}{63}$ (C) $\frac{-8}{63}$ (D) $\frac{-62}{63}$



6. What number should be added to $\frac{-4}{7}$ to get $\frac{5}{9}$?

- (A) $\frac{71}{63}$ (B) 32 (C) -35 (D) 507

7. What should be subtracted from $\frac{7}{11}$ to get -2?

- (A) $\frac{15}{11}$ (B) $\frac{-15}{11}$ (C) $\frac{29}{11}$ (D) $\frac{-29}{11}$

8. By what rational number should $\frac{-3}{5}$ be multiplied to obtain 21?

- (A) $\frac{507}{4}$ (B) 35 (C) -35 (D) 507

9. The sum of two rational numbers is - 3. If one of them is $\frac{-11}{5}$, find the other.

- (A) $\frac{-4}{5}$ (B) $\frac{-8}{5}$ (C) $\frac{4}{5}$ (D) $\frac{8}{5}$

10. Which of the following is the resultant of

$$\frac{1}{12} + \frac{-1}{3} + \frac{-1}{6} + \frac{-5}{7} + \frac{3}{4} + \frac{10}{7}$$

- (A) $1\frac{1}{21}$ (B) -1 (C) 0 (D) 1





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