

# GEETA DEVI DAV PUBLIC SCHOOL

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1. A rational number is defined as a number that can be expressed in the form  $\frac{p}{q}$ , where  $p$  and  $q$  are integers and
- (a)  $q = 0$                       (b)  $q = 1$                       (c)  $q \neq 1$                       (d)  $q \neq 0$
2. Which of the following rational numbers is positive?
- (a)  $\frac{-8}{7}$                       (b)  $\frac{19}{-13}$                       (c)  $\frac{-3}{-4}$                       (d)  $\frac{-21}{13}$
3. Which of the following rational numbers is negative?
- (a)  $-\left(\frac{-3}{7}\right)$                       (b)  $\frac{-5}{-8}$                       (c)  $\frac{9}{8}$                       (d)  $\frac{3}{-7}$
4. In the standard form of a rational number, the common factor of numerator and denominator is always:
- (a) 0                      (b) 1                      (c) -2                      (d) 2
5. Which of the following rational numbers is equal to its reciprocal?
- (a) 1                      (b) 2                      (c)  $\frac{1}{2}$                       (d) 0
6. The reciprocal of  $\frac{1}{2}$  is
- (a) 3                      (b) 2                      (c) -1                      (d) 0
7. The standard form of  $\frac{-48}{60}$  is
- (a)  $\frac{48}{60}$                       (b)  $\frac{-60}{48}$                       (c)  $\frac{-4}{5}$                       (d)  $\frac{-4}{-5}$