

RAMAGYA SCHOOL, NOIDA IMO OLYMPIAD WORKSHEET CLASS VIII (2017-18)

3. In the standard form of rational number, the common factor of numerator and denominator is

1. A number which can be expressed as $\frac{p}{q}$ where p and q are integers then, a. q=0 b. q=1 c. $q \neq 0$ d. $q\neq 1$

2. Which of the following rational number is positive? a. $\frac{-4}{9}$ b. $\frac{4}{9}$ c. $\frac{-4}{9}$ d

(CONCEPT)

always

	a. 0 b. 1	c1	d. 2		
4.	The standard form of	$\frac{-48}{60}$.			
	a. $\frac{48}{60}$ b. $\frac{6}{-}$	$\frac{0}{48}$ c. $\frac{-4}{5}$	d	l. 5	
5.	If $x+0=0+x=x$ which	is rational number,	then 0 is		
	a. additive identity				
	b. additive inverse of				
	c. multiplicative inverse of x				
	d. reciprocal of x				
(APPLICATION)					
	ichilon)				
6.	If $\frac{-5}{7} = \frac{x}{28}$, what is the	value of x			
	a. 4 b.	20 c. 25	5 d.4	.0	
7.	Between any two ra	ational numbers,	there lie :		
	a) two rational number b) No rational number c) infinite rational numbers d) infinite				
	fractions				
8.	Addition is associat	ve for			
	a) Natural number	s b) Whole Num	bers c) Ration	al Numbers d) All of these	
9.	Rational numbers are not closed under:				
	a) Subtraction b) Division c) Addition d) Multiplication				
10	The masin mass of -3	v ⁻⁷	a, manapiro		
10.	The reciprocal of $\frac{1}{8}$	13	0.4		
	a. $\frac{104}{21}$	$\frac{-104}{21}$ C. $\frac{21}{10}$	$\frac{1}{4}$ d. $\frac{-21}{104}$		
11	The reciprocal of $\frac{-3}{8}$ a. $\frac{104}{21}$ k	of $\frac{7}{7} \times \frac{3}{7} \times \frac{4}{100}$	7 T		

