

INDIAN SCHOOL AL WADI AL KABIR

Class VII, Mathematics

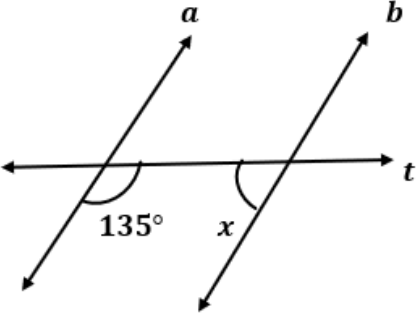
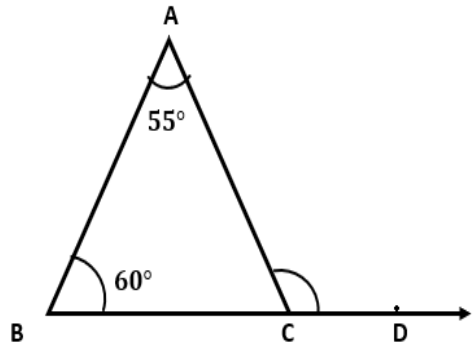
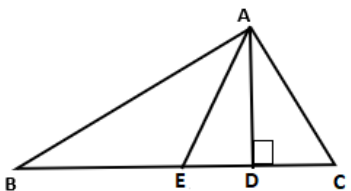
Post Midterm Revision worksheet (with answers)

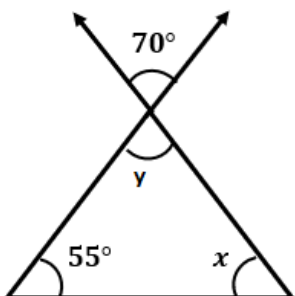
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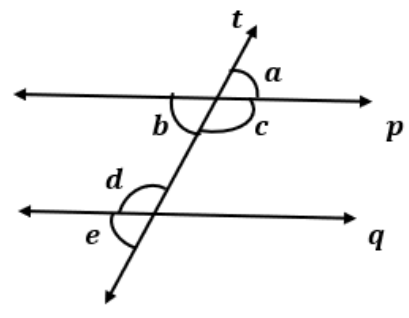
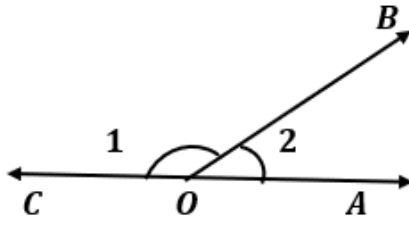
OBJECTIVE TYPE (1 Mark)

Q.1.	The rational number that is equal to its negative is							
A	-1	B	1	C	0	D	$\frac{2}{-1}$	
Q.2.	Name the property used: $\frac{-5}{9} \times \frac{4}{7} = \frac{4}{7} \times \frac{-5}{9}$							
A	Associative	B	Multiplicative inverse	C	Commutative	D	Distributive	
Q.3.	Which of the following rational numbers is equivalent to $\frac{-3}{4}$?							
A	$\frac{-9}{8}$	B	$\frac{27}{36}$	C	$\frac{9}{12}$	D	$\frac{-27}{36}$	
Q.4.	The multiplicative inverse of $2\frac{3}{7}$							
A	$\frac{-17}{3}$	B	$\frac{17}{3}$	C	$\frac{17}{7}$	D	$\frac{7}{17}$	
Q.5.	The standard form of $\frac{169}{-39}$?							
A	$\frac{16}{-3}$	B	$\frac{13}{-39}$	C	$\frac{13}{-3}$	D	$\frac{-13}{3}$	
Q.6.	The product of $\frac{25}{-15} \times 9$ is:							
A	27	B	-15	C	-18	D	15	
Q.7.	If $\frac{5}{4}$ and $\frac{x}{12}$ are equivalent rational numbers, then the value of x is:							
A	15	B	20	C	5	D	4	

Q.8.	The additive inverse of $\frac{-5}{13} + \frac{-7}{13}$ is:							
A	$\frac{-12}{13}$	B	$\frac{-13}{12}$	C	$\frac{12}{13}$	D	$\frac{-2}{13}$	
Q.9.	In the given figure lines l and m are parallel and line t is the transversal. The value of x is:							
A	25°	B	65°	C	115°	D	35°	
Q.10	Two angles forming a linear pair are _____							
A	Complementary	B	Supplementary	C	Parallel	D	Vertically opposite	
Q.11	In the given figure $p \parallel q$ and m is the transversal, then the value of a is:							
A	142°	B	52°	C	38°	D	152°	
Q.12	A line that intersects two or more lines at distinct points is called a							
A	Parallel	B	Transversal	C	Curve	D	Median	
Q.13	Which of the following pairs of angles are not complementary?							
A	130° and 50°	B	20° and 70°	C	45° and 45°	D	40° and 50°	

Q.14	The difference in the measures of two complementary angles is 14° . The measures of the angles are:			
	A 38° and 50°	B 38° and 52°	C 14° and 76°	D 14° and 166°
Q.15	The supplement of 123° is _____.			
	A 23°	B 57°	C 157°	D 33°
Q.16	<p>In the given figure $a \parallel b$ and t is the transversal. Then the value of x is:</p> 			
	A 135°	B 45°	C 55°	D 145°
Q.17	<p>In the figure, the side BC of $\triangle ABC$ is extended up to the point D. If $\angle A = 55^\circ$ and $\angle B = 60^\circ$, then the measure of $\angle ACD$ is:</p> 			
	A 15°	B 65°	C 115°	D 135°
Q.18	 <p>In the given triangle ABC, AD is called:</p>			
	A Median	B Base	C Altitude	D Hypotenuse

Q.19	The three angles of a triangle are in the ratio, 1:2:3. Then the value of the largest angle is:							
	A	120°	B	90°	C	60°	D	30°
Q.20	The measure of each angle of an equilateral triangle is:							
	A	45°	B	60°	C	30°	D	180°
Q.21	The base angle of an isosceles triangle is 80°. The measurement of its vertex angle is:							
	A	30°	B	160°	C	40°	D	20°
Q.22	The length of the diagonal of rectangular plot whose length is 24 m and breadth 7 m is:							
	A	31m	B	25m	C	17m	D	168m
Q.23	In a right triangle PQR, $PR^2 + PQ^2 = QR^2$. Which angle is equal to 90°?							
	A	$\angle P$	B	$\angle Q$	C	$\angle R$	D	None of these
Q.24	<p>In the given figure, the value of x and y are:</p> 							
	A	$x = 55^\circ, y = 70^\circ$	B	$x = 65^\circ, y = 70^\circ$	C	$x = 55^\circ, y = 80^\circ$	D	$x = 45^\circ, y = 90^\circ$
Q.25	Which of the following cannot be the sides of a triangle?							
	A	8,6,10	B	2,4,5	C	7,6,4	D	2,5,2
Fill in the blanks(1mark)								
Q.26.	The value of $\frac{-8}{10} \times \frac{10}{8}$ is _____.							

Q27.	The value of $-15 \div \frac{5}{7}$ is _____.
Q28.	<p>In the given figure, one pair of corresponding angles are _____.</p> 
Q29.	 <p>In the given figure if $\angle 1 = 135^\circ$, find the measure of $\angle 2$.</p>
Q30.	The line segment joining a vertex of a triangle to the midpoint of its opposite side is called a ----- of the triangle.

Answers

Answers	1	0	2	Commutative	3.	$\frac{-27}{36}$	4	$\frac{7}{17}$
	5	$\frac{-13}{3}$	6	-15	7	15	8	$\frac{12}{13}$
	9	65°	10	Supplementary	11	38°	12	Transversal
	13	130° and 50°	14	38° and 52°	15	57°	16	45°
	17	115°	18	Altitude	19	90°	20	60°
	21	20°	22	25m	23	$\angle P$	24	$x = 55^\circ$, $y = 70^\circ$
	25	2,5,2	26	-1	27	-21	28	$\angle b$ and $\angle e$
	29	45°	30	Median				
