

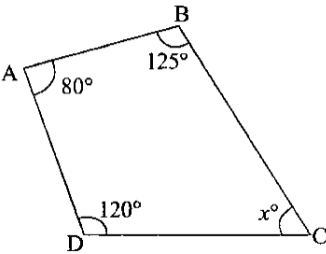
INDIAN SCHOOL AL WADI AL KABIR

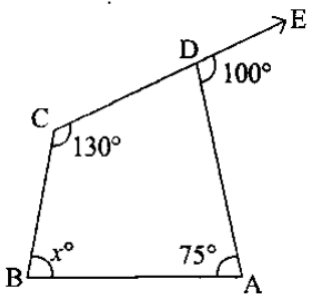
Class VIII, Mathematics *REVISION WORKSHEET*

27-05-20

OBJECTIVE TYPE (1 Mark)

Q.1.	The value of $(5^0+3^0) \times (2^0+4^0)$							
	A	1	B	2	C	0	D	4
Q.2.	The value of y , if $(\frac{2}{5})^{2y} \times (\frac{2}{5})^3 = (\frac{2}{5})^{11}$							
	A	7	B	4	C	6	D	-4
Q.3.	Identify the property used $(\frac{3}{5})(\frac{-1}{7} + \frac{2}{5}) = (\frac{3}{5}) \times \frac{-1}{7} + (\frac{3}{5}) \times \frac{2}{5}$							
	A	Associativity	B	Distributivity	C	Commutativity	D	Identity
Q.4.	Evaluate $(3^{-1} \times 2^{-1}) \div (5)^{-2}$							
	A	$\frac{25}{6}$	B	$\frac{6}{25}$	C	$\frac{1}{150}$	D	$\frac{5}{6}$
Q.5.	The usual form of 1.489×10^{-5}							
	A	14890000	B	0.00001489	C	148900	D	. 0.000001489
Q.6.	The number of sides of a regular polygon with each interior angle 156°							
	A	10	B	24	C	15	D	12
Q.7.	The rational number lies between $\frac{2}{3}$ and $\frac{3}{4}$							
	A	$\frac{40}{30}$	B	$\frac{95}{12}$	C	$\frac{85}{120}$	D	$\frac{75}{120}$
Q.8.	1. The value of (x) in the following figure is							
	A	120°	B	80°	C	100°	D	60°
Q.9.	Simplify : $(3^5 \times 3^4) \div 3^3$							
	A	3^{12}	B	3^6	C	3^4	D	3^4
Q.10.	The standard form of 0.0000392							
	A	0.392×10^{-5}	B	0.392×10^5	C	3.92×10^{-5}	D	3.92×10^5
Q.11.	The multiplicative inverse of $\frac{7}{8} \times \frac{1}{2}$							
	A	$\frac{7}{16}$	B	$\frac{4}{7}$	C	$\frac{16}{7}$	D	$\frac{-7}{16}$

Q.12	Simplify by laws of exponents: $\frac{125 \times 5^{-2} \times 2}{3^{-3} \times 9}$							
	A	120	B	30	C	15	D	27
Q.13.	Find by using distributive property: $\frac{1}{18} \times \frac{3}{7} + \frac{1}{18} \times \frac{1}{14}$							
	A	36	B	$\frac{1}{16}$	C	$\frac{7}{56}$	D	$\frac{1}{36}$
Q.14.	The value of $(\frac{2}{3})^{-3}$							
	A	$\frac{27}{8}$	B	$\frac{8}{27}$	C	$-\frac{8}{27}$	D	$-\frac{27}{8}$
Q.15.	The sum of the interior angles of a polygon of 15 sides.							
	A	1800°	B	3240°	C	2340°	D	2640°
Q.16.	In a pentagon three angles are equal and the other angles are 80° and 85°. Then the measure of equal angles							
	A	125°	B	105°	C	115°	D	100°
Q.17.	A polygon with 20 sides has-----diagonals.							
	A	70	B	114	C	150	D	170
Q.18.	The regular polygon with equal interior and exterior angles at a vertex.							
	A	Rectangle	B	Square	C	Pentagon	D	Hexagon
Q.19.	The value of $\frac{-4}{5} \times \frac{3}{7} \times \frac{15}{16} \times \frac{-14}{9}$							
	A	-2	B	$\frac{1}{2}$	C	$-\frac{1}{2}$	D	-2
Q.20	The value of $\{(\frac{1}{3})^{-1} - (\frac{1}{4})^{-1}\} + \{(\frac{1}{4})^{-1} - (\frac{1}{5})^{-1}\} + \{(\frac{1}{5})^{-1} - (\frac{1}{6})^{-1}\}^2$							
	A	-1	B	$-\frac{1}{2}$	C	-3	D	$\frac{1}{3}$
Q.21	 <p>The value of x in the given figure</p>							
	A	70°	B	85°	C	80°	D	35°
Q.22.	The sum of exterior angles of a octagon is							
	A	540°	B	720°	C	360°	D	180°
Q.23.	The additive inverse of $(\frac{-4}{7}) \times (\frac{-21}{25})$							
	A	$\frac{12}{25}$	B	$\frac{25}{12}$	C	$-\frac{12}{25}$	D	$-\frac{25}{12}$

Q.24.	 <p>Find the value of x from the figure</p>							
	A	75 ⁰	B	55 ⁰	C	85 ⁰	D	80 ⁰
Q.25	The measure of exterior angle of a regular polygon of 9 sides							
	A	80 ⁰	B	40 ⁰	C	50 ⁰	D	90 ⁰
Q.26.	A rational number between x and y is							
	A	$\frac{x-y}{2}$	B	$\frac{x \times y}{2}$	C	$\frac{x+y}{2}$	D	$\frac{x \div y}{2}$
Q.27.	The value of (4 ⁻¹ + 8 ⁻¹) is							
	A	$\frac{-3}{4}$	B	$\frac{-1}{12}$	C	$\frac{1}{2}$	D	$\frac{3}{8}$
Q.28.	Addition of rational numbers satisfies which of the following property							
	A	commutativity	B	Associativity	C	Closure property	D	all of these
Q.29.	In a triangle, the measures of two exterior angles are 150 ⁰ and 80 ⁰ . Find the measure of third exterior angle							
	A	110 ⁰	B	130 ⁰	C	120 ⁰	D	150 ⁰
Q.30.	The angles of a quadrilateral are in the ratio 1:3:7:9. The measure of the largest angle is							
	A	120 ⁰	B	126 ⁰	C	162 ⁰	D	154 ⁰

Answers	1	D	2	B	3.	B	4	A
	5	B	6	C	7	C	8	D
	9	B	10	C	11	C	12	B
	13	D	14	A	15	C	16	A
	17	D	18	B	19	B	20	A
	21	D	22	C	23	C	24	A
	25	B	26	C	27	D	28	D
	29	B	30	C				