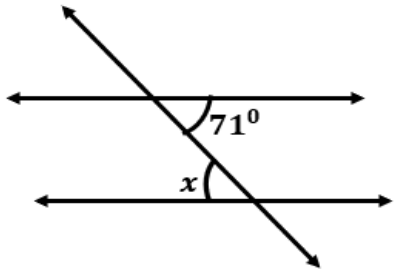
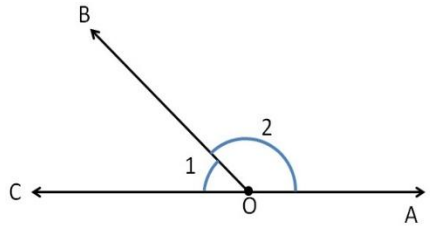
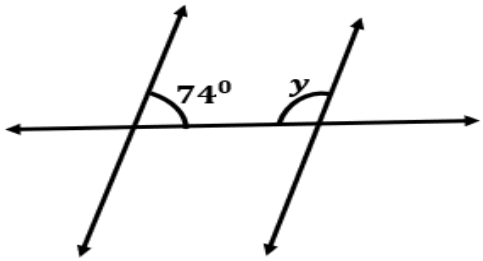
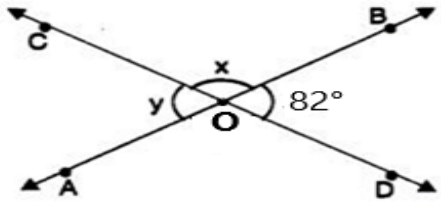
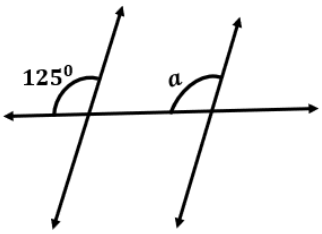
INDIAN SCHOOL AL WADI AL KABIR
Class VII, Mathematics
LINES & ANGLES(MCQ)_WORKSHEET-1 (2025-26)

Multiple Choice Questions

Q.1.	The complement of the 28° is _____.							
	A	80°	B	62°	C	57°	D	60°
Q.2.	In the given figure, the value of $'x'$ is 							
	A	109°	B	71°	C	19°	D	70°
Q.3.	Supplementary adjacent angles form a -------							
	A	Linear pair	B	Vertically opposite angles	C	Complementary angles	D	Co – interior angles
Q.4.	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.5.	When two lines intersect at a point each pair of ---------angles are equal							
	A	adjacent	B	interior	C	Vertically opposite	D	None of these
Q.6.	In the given figure if ∠1 = 65°, find the measure of ∠2. 							
	A	115°	B	105°	C	110°	D	120°

Q.7.	Which of the following is true if a pair of parallel lines are cut by a transversal							
	A	Co-interior angles are supplementary	B	Corresponding angles are equal	C	Alternate interior angles are equal	D	All of these
Q.8.	In the given figure, the value of y is:  							
	A	$96°$	B	$106°$	C	$16°$	D	$60°$
Q.9	The measure of equal supplementary angles is:							
	A	135°	B	145°	C	90°	D	45°
Q10	In the adjoining figure, two straight lines AB and CD are intersecting each other at the point O. Then the value of $(\angle x - \angle y)$ is:  							
	A	56°	B	118°	C	62°	D	180°
Q.11	The supplement of the 95° is _____.							
	A	115°	B	85°	C	95°	D	75°
Q.12	Which of the following pairs of angles form linear pair?							
	A	$30° \; and \; 50°$	B	$120° \; and \; 70°$	C	$130° \; and \; 50°$	D	$140° \; and \; 60°$
Q.13	In the given figure, the value of a is:  							
	A	55°	B	125°	C	152°	D	180°

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