

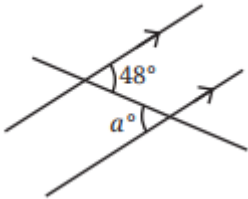
PM SHREE KENDRIYA VIDYALAYA SITAPUR
HALF YEARLY EXAM (2025-26)
CLASS-7 (MATHS) (SET-1)

T.M:- 40

Time:- 90 min

Instructions:- (1) All questions are compulsory.

(2) This question paper contains 17 questions, which is divided into four sections A, B, C, and D.

S.NO	SECTION A	MARKS
1.	If two angles are supplementary and one of them is 65° , what is the measure of the other angle? (a). 115° (b). 125° (c). 135° (d). 145°	1
2.	When two lines intersect, the vertically opposite angles are: (a). Unequal (b). Equal ©. Supplementary (d). Zero	1
3.	What is the sum of the interior angles of a triangle? (a) 90° (b) 150° (c) 300° (d) 180°	1
4.	Which of the following cannot be the sides of a triangle? (a) 2 cm, 3 cm, 4 cm (b) 5 cm, 6 cm, 7 cm (c) 3 cm, 4 cm, 8 cm (d) 4 cm, 4 cm, 6 cm	1
5.	Two triangles are congruent if they have the same: (a) Shape only (b) Area only (c) Shape and size (d) Perimeter only	1
6.	If two angles form a linear pair, then their sum is: (a) 90° (b) 270° (c) 180° (d) 360°	1
SECTION-B (3X2=6)		
7.	Find the angles marked below 	2
8.	Create a magic square (3 by 3) using the numbers 2 – 10.	2
9.	Write the definition of following (a) straight angle (b) reflex angle	2
SECTION-C (6X3=18)		
10.	Find the angle represented by a.	3

