



INDIAN SCHOOL AL WADI AL KABIR

Class VI, Mathematics (2024-25)

Worksheet (DTQ) -PLAYING WITH CONSTRUCTIONS

*Note: * Please do drawing and constructions neatly using pencil & geometrical instruments.*

Q1.	Draw a circle with radius 3.5 cm.	
Q2.	Construct a line segment AB of length 7.3 cm using ruler and compasses.	
Q3.	Construct a rectangle in which one of the diagonals divides the opposite angles into 60° and 30° .	
Q4.	Draw a line segment of length 6.8 cm.	
Q5.	Which of the following is not a name for this square? 1. ABDC 2. ABCD 3. DABC 4. CDAB	
Q6.	Construct a rectangle with sides of length 5.4 cm and 6.2 cm using compasses and protractor.	
Q7.	Construct a line segment AB of length 6.5 cm using ruler and compasses.	
Q8.	Which of the following is a name for this rectangle? 1. KMLN 2. KLMN 3. LKMN 4. MKLN	
Q9.	Draw a circle with radius 4.2 cm and mark radius and diameter on the circle.	
Q10.	Construct a rectangle with sides of length 4 cm and 6 cm using compasses and protractor.	
Q11.	Construct angles with measures 30° , 45° , 60° , 90° (use protractor to measure angles)	
Q12.	Construct a rectangle where one of its sides is 5 cm and the length of a diagonal is 7 cm.	
Q13.	Construct a square with given side 5cm using compasses and protractor.	
Q14.	Construct a rectangle in which one of the diagonals divides the opposite angles into 35° and 55° .	
Q15.	Construct a rectangle, whose length of one side is 4.5 cm and one of the diagonal is of length 6.8 cm.	