- **Subject- Mathematics**   **Answers of Worksheet- 5**   **Class – 5**

- **Date-17.04.2020**   **1ˢᵗ** Term

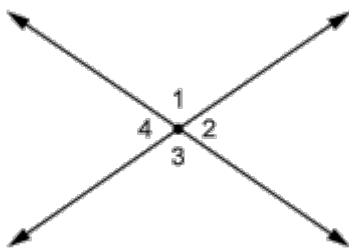- **Topic-Construction of angles.**

Q1. Based on the following information, where ∠ABD∠ABD is a right angle, which equation could be used to solve for x?

m∠DBC=xm∠DBC=x
m∠CBA=2xm∠CBA=2x
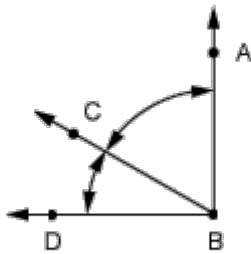
a.   2x+x=902x+x=90

Q2. Using the diagram shown, ∠∠1 and ∠∠4 are supplementary angles. If ∠∠4 = 70°°, What is the measure of ∠∠1?
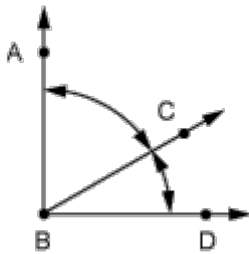

a.   110°°

Q3. If the measure of angle 1 is 55 degrees then the measure of angle 3 is _____ degrees.
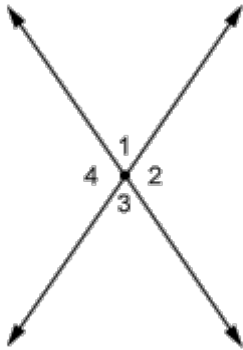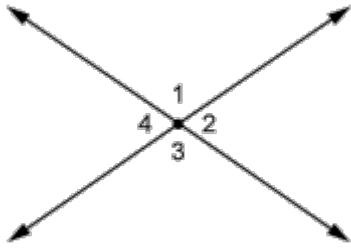

a.   55

Q4. In the diagram, $\angle DBA$ is a $90°$ angle. What type of angles are $\angle ABC$ and $\angle CBD$?
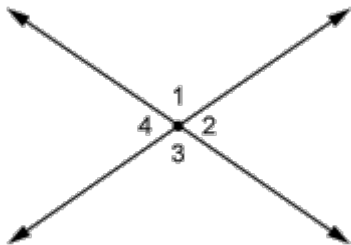

c.Complementary and adjacent angles

Q5. The measure of $\angle 1$ is $150°$. What are the measures of $\angle 4, \angle 3, and \angle 2$?

Q6. What geometric term names the top and bottom angles in the figure shown?

a.   Supplementary angles
b.   Complementary angles
c.   Horizontal angles

Q7. What geometric term names the top and right side angles in the figure shown?
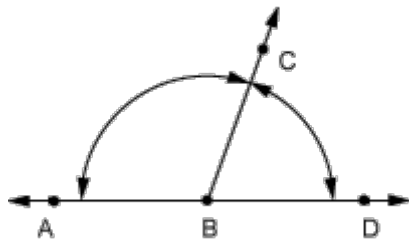

a.   Complementary angles

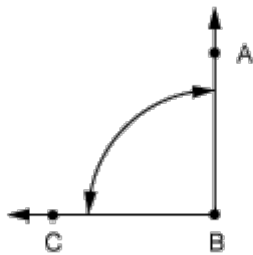Q8. Given the following, including the fact that ∠ABC∠ABC and ∠CBD∠CBDare supplementary, what is the value of m∠ABCm∠ABC?

m∠DBC=x−10m∠DBC=x-10

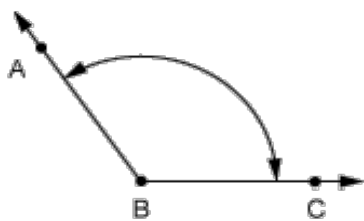m∠ABC=x+30m∠ABC=x+30

a.   110°110°

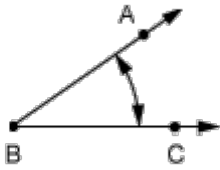Q9. <u>Name the angle.</u>

b.   right

Q10. <u>This angle is acute.</u>
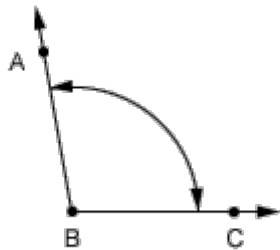

a.   False

Q11. <u>What type of angle is shown?</u>
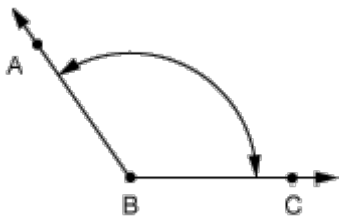

a.   acute angle

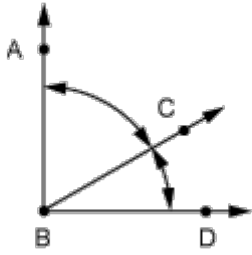Q12. <u>Below is a 100 degree angle. How many degrees would you add to it to make it 180 degrees.</u>
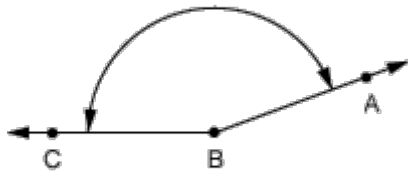

a.   80

Q13. <u>This angle is obtuse.</u>

a.   True

Q14. What is B called?

c.   vertex

Q15.Which TWO statements about the angle shown are true?

a.   Angle is obtuse
b.   Angle is less than 180 degrees   Teacher- Piyali Halder