Name: Date:

Q01. Construct the angle of the measurement 90°.

Q02. Construct equilateral triangle whose side is 4cm

Q03. Construct the Perpendicular bisector of line segment of length 12.5cm

Q04. Construct an angle of 22 ½

Q05. Construct an equilateral triangle of sides 5.6cm

Q06. Construct perpendicular bisector of line segment of side 6.5cm

Q07. Construct an angle of 105°

Q08. Construct an angle of 45° at initial Paint of the given ray and justify the construction

Q09. Construct a triangle ABC in which BC = 7cm ∠B = 75° and AB+AC=9cm

Q10. Construct a triangle XYZ in which ∠y = 30° ∠Z = 90° and $XY + YZ + ZX = 11cm.$

Q11. Construct the angle of 15°

Q12. Construct an equilateral triangle whose side is 4.5cm

Q13. Construct an angle of 30° at the initial point of a ray and Justify your construction

Q14. Construct a line segment of length 5.5cm bisect it.

Q15. Construct an equilateral triangle whose side is 4.9cm

Q16. Construct an angle of 135°

Q17. Construct perpendicular bisector of line segment 8cm

Q18. Construct an angle of 60° at the initial point of a given ray and bisect it.

Q19. Construct a triangle of ABC in which BC = 8cm ∠B = 45° and $AB - AC = 3.5cm$

Q20. Construct a right triangle whose base is 12cm and sum of its hypotenuse and other side is 18cm

Q21. Construct the angle of the measurement 7 ½

Q22. Construct the angle of the measurement 37 ½

Q23. Construct an equilateral triangle of side 5cm

Q24. Draw a line segment of length 4.5cm and bisect it

Q25. Construct a triangle whose all angles are 60° each

Q26. Draw a line segment of length 12.6cm bisect it and measure each part

Q27. Construct an angle of 60° bisect it and measure each angle

Q28. Construct an angle of 30°whose initial point is given ray.

Q29. Construct a triangle PQR in which QR=6cm ∠Q = 60° and $PR - PQ = 2cm$

Q30. Construct a triangle ABC, in which ∠B = 60°, ∠C = 45° and $AB + BC +CA =11cm$