Construction of a Line Parallel to a given Line, Through a Point not on the line

- 1. A line MN is given and A is a point outside it. Draw a line through A parallel to MN.
- 2. AB is a line segment of length 5.8 cm. Consider a point M lying outside it. Passing through point M, draw a line segment OP such that OP is parallel to AB.
- 3. Draw ∠ABC = 60°, Draw QR||AB, passing through point A, measure the perpendicular distance between QR and AB.
- 4. Draw a parallel line to a line of length of 6 cm at a distance of 6.8 cm.
- 5. Draw a line parallel to the given lines through the given points not lying on it.



- 6. Find x if MN || XY.
- What values of P and Q in the given figure proves that lines MN and ST are parallel.
 Write at least three pairs of values.

