Practice Questions (Lecture No. 4)
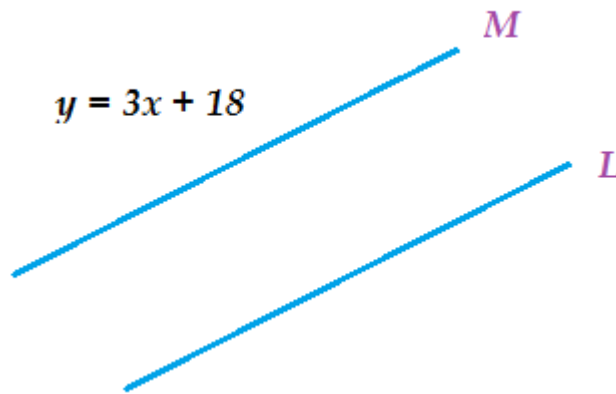
Q1: Find the slope of the line joining the points $(3,19)$ and $(9,15)$.

Q2: (a) What is the slope of the line which is parallel to the line $y = \dfrac{7}{2}x + 20$?

(b) What is the slope of the line which is perpendicular to the line $y = \dfrac{7}{2}x + 20$?

Q3: Find the slope of the line L, while its parallel line M is $y = 3x + 18$.

$$y = 3x + 18$$

Q4: Find the equation of line which passes through the point $(3,19)$ and has slope 21.

Q5: The angle of elevation of the given line is 30^0 Find its slope.