Equation of a Line

Part - A

Find the equation of the line passing through the given points. Express the equation in slope-intercept form.

1) $(-4, -7)$ and $(-6, 9)$

2) $(-1, 0)$ and $(4, -5)$

3) $(5, 5)$ and $(-2, -2)$

4) $(2, 8)$ and $(1, 3)$

5) $(7, -3)$ and $(6, -8)$

6) $(9, -1)$ and $(-3, 7)$

7) $(-9, 6)$ and $(0, 1)$

8) $(-7, -4)$ and $(-5, -6)$

Part - B

1) Find the equation of the line passing through the points $(7, 2)$ and $(9, 1)$.

_____

2) Find the equation of the line u that cuts the x-axis at $x = -6$ and the y-axis at $y = -4$.

_____