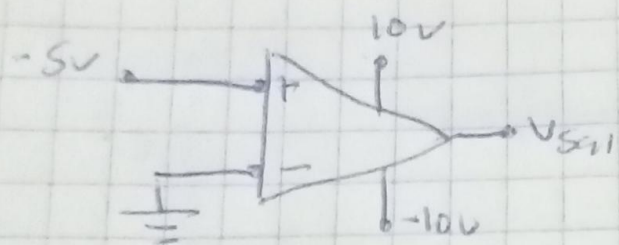


Actividad 4

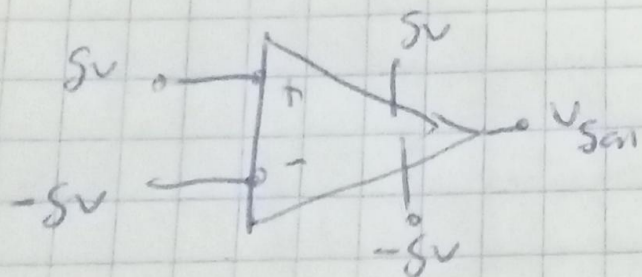


$$+V_{sat} = 90\% (V_{cc}) = 90\% (10V) = 9V$$

$$-V_{sat} = 90\% (-V_{ee}) = 90\% (-10V) = -9V$$

$$V_D = V^+ - V^- = -5V - 0V = -5V$$

$$V_{sat} = -V_{sat} = \underline{-9V}$$



$$+V_{sat} = 90\% (V_{cc}) = 90\% (5V) = 4.5V$$

$$-V_{sat} = 90\% (-V_{ee}) = 90\% (-5V) = -4.5V$$

$$V_D = V^+ - V^- = 5V - (-5V) = 5V + 5V = 10V$$

$$V_{sat} = +V_{sat} = \underline{4.5V}$$