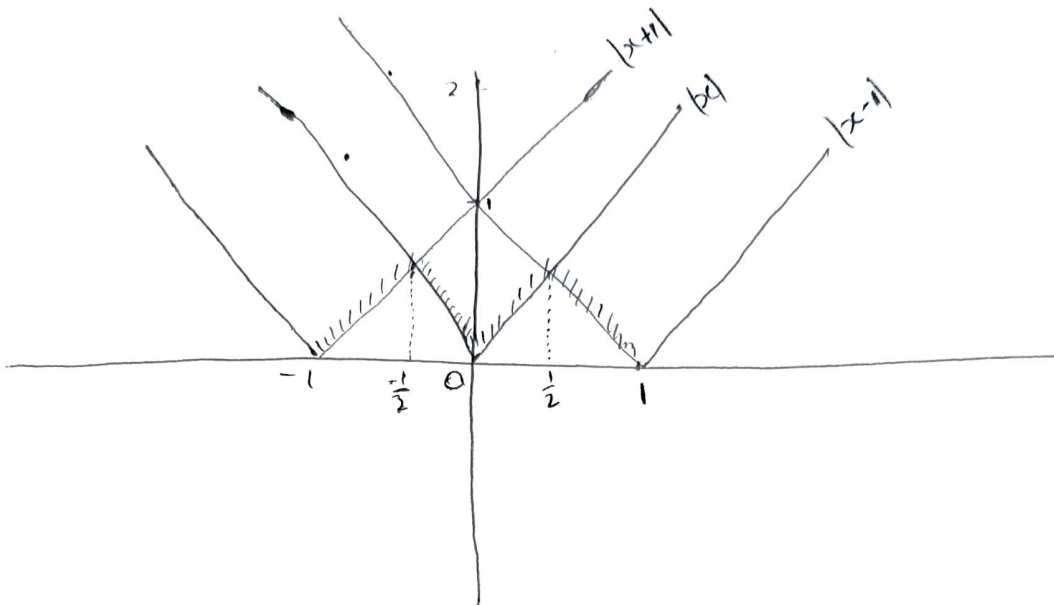
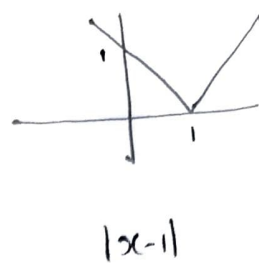
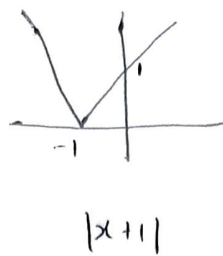
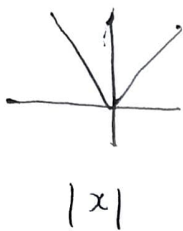




Now divide the interval $[-1, 1]$ into subintervals as:—

① $\underline{x \in [-1, -\frac{1}{2}]}$
 $\min \{ |x|, |x-1|, |x+1| \} = |x+1| = \boxed{|x+1|}$

② $\underline{x \in [-\frac{1}{2}, 0]}$
 $\min \{ |x|, |x-1|, |x+1| \} = |x| = \boxed{|-x|}$

③ $\underline{x \in [0, \frac{1}{2}]}$
 $\min \{ |x|, |x-1|, |x+1| \} = |x| = \boxed{|x|}$

④ $\underline{x \in [\frac{1}{2}, 1]}$
 $\min \{ |x|, |x-1|, |x+1| \} = |x-1| = -(x-1) = \boxed{1-x}$