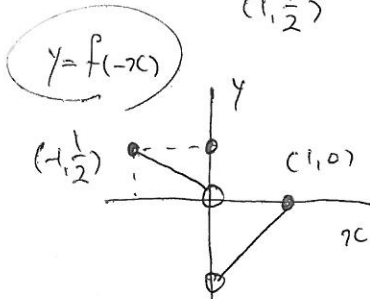
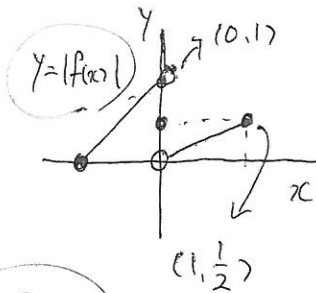
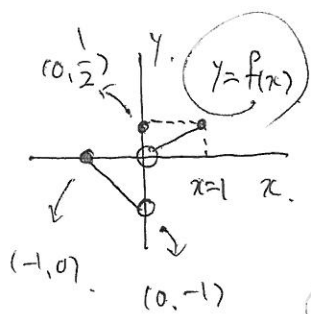
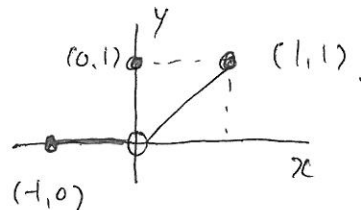


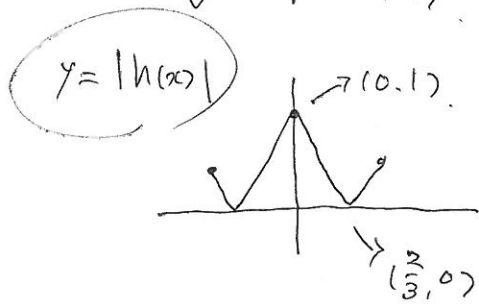
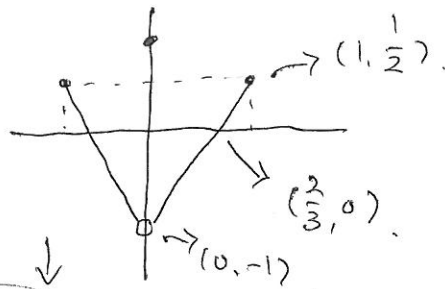
\* 2019학년도 평가원 9월 수학 나형 18번.



$$y = g(x) = f(x) + |f(x)|$$



$$y = h(x) = f(x) + f(-x)$$



7.  $\lim_{x \rightarrow 0} g(x) = 0$  (True).

8.  $|h(x)|$ 는  $x=0$ 에서 연속

(True)

9.  $g(x) \times |h(x)|$ 는  $x=0$ 에서 연속

(False)

$\because g(x) \times |h(x)| = i(x)$  라 하면

$$y = g(x) \times |h(x)|$$

$$i(0) = g(0) \times |h(0)| = 1$$

$$i(0^-) = g(0^-) \times |h(0^-)| = 0$$

$$i(0^+) = g(0^+) \times |h(0^+)| = 0$$

불연속

