

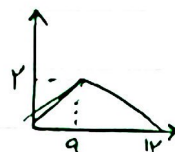
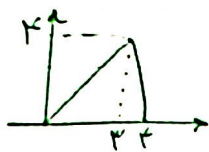
راندن و ضرب

مربعات

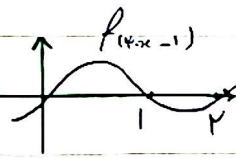
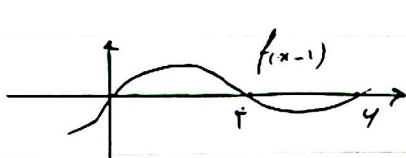
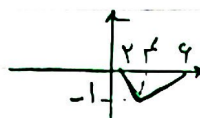
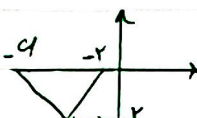
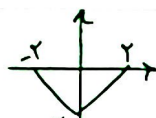
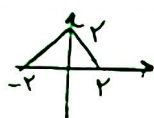
نسبت مربع

الف)  $-r \leq rx - r \leq r$   $\frac{r}{r} \leq x \leq \frac{r}{r}$   $P_f = [\frac{r}{r}, \frac{r}{r}]$  ①  
 ب)  $-r \leq rx - r \leq -r$   $\frac{-r}{r} \leq x \leq \frac{-r}{r}$

$f(x) = x + \sqrt{x-r} \rightarrow x + \sqrt{x-r} \rightarrow \text{...} (\sqrt{x-r} + \frac{1}{r})^r +$  ②  
 $f(x) = x$

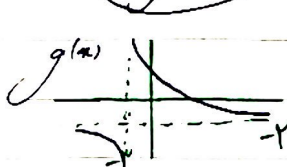
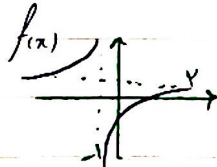


A/r  $f(x) = y$   $f(r) = -r$   $f(\frac{x-a}{r}) = f(r)$   $\frac{x-a}{r} = r$  ③  
 $y = a + r f(r) = a - r$   $y = a - r$   $x = a + r$

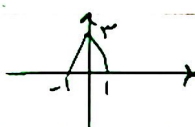
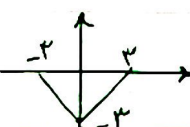


$(x+r)(f(x-r)) \geq 0$   $(x+r)(f(x-r)) \leq 0$   $P_f = [-r, 0] \cup [1, 2]$  ④

$f(x) = |rx - r + k| + 1 - r$   $g(x) = |rx - r + k| - r$   $k > 0$  ⑤  
 $f(x) = y \rightarrow \dots$   $g(x) \rightarrow \dots$   $|k-r| = y$   $(k=r)$



$\frac{rx-1}{x+1} = \frac{1-rx}{x+1}$   $\frac{1-rx}{\frac{r}{r}+1} = \frac{r-rx}{x+r}$  ⑥



$\frac{1}{r} \times 1 \times \frac{r}{r} = \frac{1}{r}$  ⑦

$f(\frac{1}{r}) = \frac{r}{r}$   $\frac{1}{r} \times r \times r + \frac{(a-r)^r}{r}$   $(a=r)$  ⑧

● dotnote