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$R_f = (-\infty, -r] \cup [r, +\infty)$ ✓	(النقطة)	
$y = \frac{n^r + 1}{n^r} \rightarrow y = n^r + \frac{1}{n^r} \Rightarrow R_f = (-\infty, -r] \cup [r, +\infty)$	(ب)	✓
$y = \frac{\sqrt[n]{n^r} + 1}{\sqrt[n]{n^r}} \rightarrow y = \sqrt[n]{n^r} + \frac{1}{\sqrt[n]{n^r}} \Rightarrow R_f = (-\infty, -r] \cup [r, +\infty)$	(ج)	
$y = \sqrt{n} + \frac{1}{\sqrt{n}} \Rightarrow R_f = [r, +\infty)$	(د)	
$y = n^r + \frac{1}{n^r + r} \xrightarrow{r^2 - r^2} n^r + r + \frac{1}{n^r + r} - r \rightarrow R_f = [\frac{1}{r}, +\infty)$ $r + \frac{1}{r} - r = \frac{1}{r}$	(النقطة)	
$y = \frac{n^r + d}{\sqrt{n^r + r}} \rightarrow y = \frac{n^r + r + 1}{\sqrt{n^r + r}} \rightarrow y = \sqrt{n^r + r} + \frac{1}{\sqrt{n^r + r}} \rightarrow y_{\min} = \sqrt{r} + \frac{1}{\sqrt{r}} \rightarrow R_f = [\frac{d}{r}, +\infty)$	(ب)	✓
$y = n - r + n + r $ $f(n) = \begin{cases} n - r + n + r & n \geq r \\ -n + r + n + r & -\frac{r}{r} \leq n \leq r \\ -n + r - n - r & n \leq -\frac{r}{r} \end{cases} \rightarrow f(n) = \begin{cases} 2n & n \geq r \\ r & -\frac{r}{r} \leq n \leq r \\ -2n & n \leq -\frac{r}{r} \end{cases}$	(النقطة)	9
$y = n - r - n + 1 $ $f(n) = \begin{cases} n - r & n \geq 1 \\ -n + 1 & -1 \leq n \leq 1 \\ -n + r & n \leq -1 \end{cases}$	(ب)	
$y = n - r + n + r $ $f(n) = \begin{cases} n & n \geq r \\ n + r & -r \leq n \leq r \\ -n & n \leq -r \end{cases}$	(النقطة)	10