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$\omega - x > .$ $x - r > .$ $x - r \neq 1$	$\omega > x$ $x > r$ $x \neq 1$	$\Rightarrow D_f = (r, \omega) - \{1\}$ ✓	(ن)	6
$x^r - 1 > .$ $x + r > .$ $x + r \neq 1$	$x > 1$ $x > -r$ ✓ $x \neq -r$ ✓	$\Rightarrow D_f = (-r, 1) - \{r\}$ $D_f = (-r, -1) \cup (1, +\infty) - \{-r\}$	(ن)	7
$\frac{x^r - (x+r)}{x-r} > .$	$\frac{(x-1)(x+r)}{(x-r)} > .$	$\frac{1}{-1} \frac{r^x}{r^x + 1} D_f = [1, \infty) - \{r\}$ ✓	(ن)	8
$\frac{x+r}{x-r} > .$ $x+0 > .$ $x+0 \neq 1$	$\frac{-r}{+1} \frac{r}{-1} +$ $x > 0$ $x \neq -1$	$\Rightarrow D_f = (-0, -r] \cup (r, \infty) - \{1\}$ $D_f = (-\infty, \infty) - \{r, -r\} - \{1\}$	(ن)	9
$x - r > .$ $r - 1 > .$	$x > r$ $r > 1$	$\Rightarrow D_f = (r, 1]$	(ن)	10
$x > .$ $r > 1$	$\log^u \frac{x}{r} > \frac{1}{r} \rightarrow x > r^{\frac{1}{r}} \rightarrow x > \sqrt[r]{r}$	$\Rightarrow D_f = (r, \infty)$ $D_f = (\sqrt[r]{r}, +\infty)$	(ن)	11
$\{x+1 \neq .\} \xrightarrow{\text{نوعه}} D_f = \mathbb{R}$ ✓ $\{x-1 \neq .\} \xrightarrow{\text{نوعه}} D_f = \mathbb{R} - \{0\}$	$x \neq .$	$D_f = \mathbb{R} - \{0\}$	(ن)	12
$\{x-r \neq .\} \xrightarrow{\text{نوعه}} D_f = \mathbb{R} - \{\frac{1}{r}\}$ ✓ $\{x-r \neq .\} \xrightarrow{\text{نوعه}} D_f = \mathbb{R} - \{\frac{1}{r}\}$	$x \neq \frac{1}{r}$	$D_f = \mathbb{R} - \{\frac{1}{r}\}$	(ن)	13
$\{x+1 \in W\}$	$\{x \in W+1\}$	$x \in \frac{W+1}{r} \Rightarrow D_f = \{x \mid \frac{K+1}{r} = x, K \in \mathbb{Z}\}$	(ن)	14
$\frac{r(x-r)}{r(x-1)} \in W$	$r(x-r) \in r(xW) - aW$ $r(x-r)W \in -aW - r \Rightarrow x(r-rW) \in -(aW+r)$	$x = \frac{-(aW+r)}{r-rW} = \frac{aW+r}{rW-r}$ $D_f = \{x \mid x = \frac{aK+r}{rK-r}, K \in \mathbb{Z}\}$	(ن)	15