

Ex 3

Identify the parent. Graph using transformations
Give D, R, EB

$$y = \log_2(x-3) + 1$$

Parent $y = \log x$

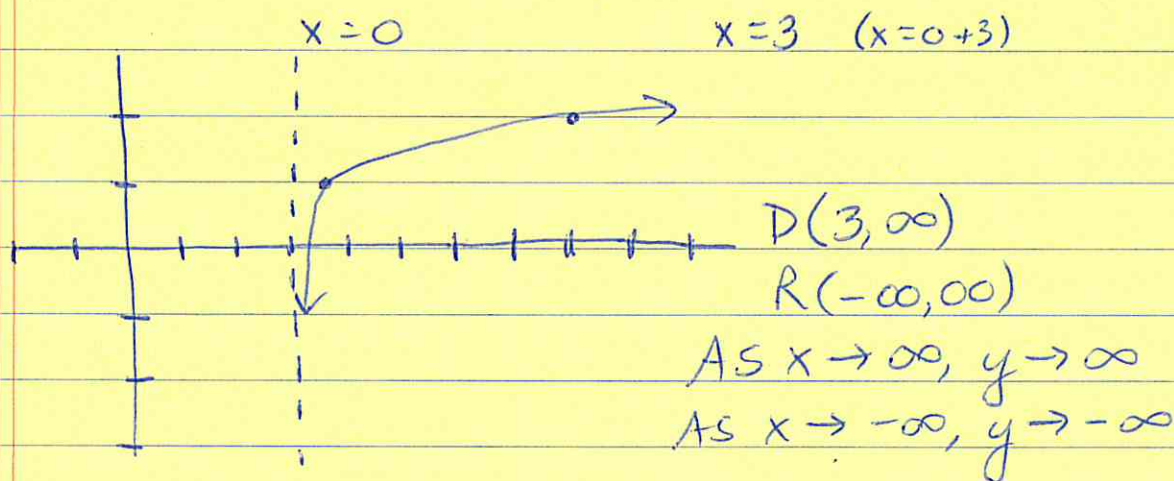
Parent	x	y
	1	0
	10	1
VA $x=0$		

Horizontal Stretch $\frac{1}{2}$

$\frac{1}{2}x$	y
$\frac{1}{2}$	0
5	1

Translation 3R, 1U

$x+3$	$y+1$
$3\frac{1}{2}$	1
8	2



Homework

Worksheet 1 (from Wednesday)

#1, 2, 3, 6, 7, 9

For the 6 problems

Identify Parent
Graph using tables
Tell Domain, Range
End behavior