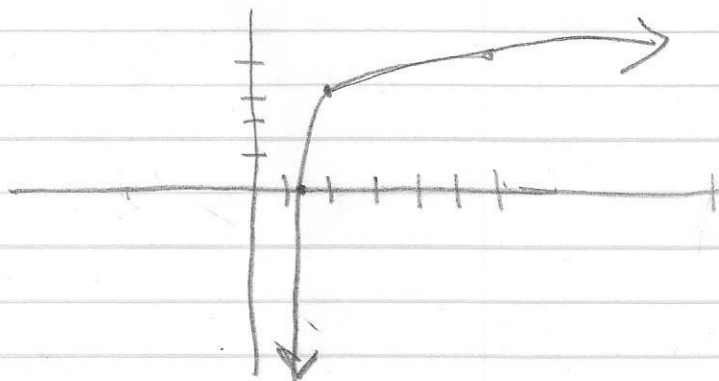


$$5^{-1} = x - 1$$

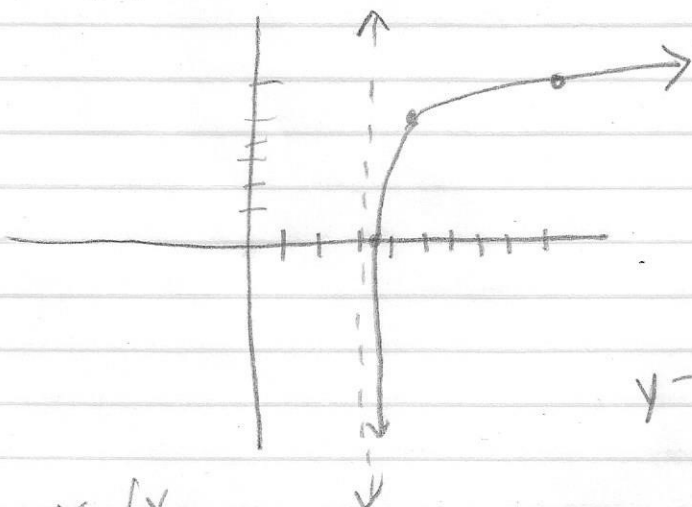
$$\begin{array}{r} 0.2 = x - 1 \\ + 1 \quad + 1 \\ \hline 1.2 = x \end{array}$$



vertical asymptote $x = 1$
 $R: (-\infty, \infty)$ $D: (1, \infty)$

③ $y = \log_6(x-3) - 5$

$$\begin{array}{r} x - 3 > 0 \\ x > 3 \end{array}$$



$D: (3, \infty)$
 Asym: $x = 3$
 $R: (-\infty, \infty)$

$$y - 5 = \log_6(x - 3)$$

$$6^{y-5} = x - 3$$

$$1 = x - 3$$

$$+ 3 \quad + 3$$

$$4 = x$$

$$6 = x - 3$$

$$+ 3 \quad + 3$$

$$\frac{1}{6} = x - 3$$

x	y
3.2	4
4	5
9	6
	7