

$y=2^{-x}$

## Logarithmic function has an $x$-intercept at $(1,0)$.



$$
y=.5^{x}-2
$$

Exponential function has a y-intercept at $(0,-1)$


$$
y=1-\frac{\ln x}{\ln 5}
$$



$$
y=\log _{2}(x-2)-\log _{2}(2)
$$

$$
y=2^{(x+1)}+2
$$

Logarithmic function has an x-intercept at $(4,0)$

$y=.5^{(2 x)}$
$y=\log _{.5} \sqrt{x}$

Exponential function has
a y-intercept at $(0,1)$

$y=.2^{(2 x)}+3$


