

**Advanced Functions****Logarithmic****Log X-Axis Intercepts**

1.  $x$  - intercepts  $\ln(x)$
2.  $x$  - intercepts  $\log_2(x)$
3.  $x$  - intercepts  $\log_3(x)$
4.  $x$  - intercepts  $\log_4(x - 1)$
5.  $x$  - intercepts  $2 + \log_2(4 + x)$
6.  $x$  - intercepts  $\ln(e + x)$
7.  $x$  - intercepts  $-\log_2(x - 1)$
8.  $x$  - intercepts  $\log_2(2 + x) - 4$
9.  $x$  - intercepts  $2\log_{10}(x)$
10.  $x$  - intercepts  $2\log_2(2 + x) - 1$

**Answers****Advanced Functions****Logarithmic****Log X-Axis Intercepts**

1.  $(1,0)$

2.  $(1,0)$

3.  $(1,0)$

4.  $(2,0)$

5.  $\left(-\frac{15}{4}, 0\right)$

6.  $(1 - e, 0)$

7.  $(2,0)$

8.  $(14,0)$

9.  $(1,0)$

10.  $(\sqrt{2} - 2, 0)$