

15. III

17. I

19. II

21.  $f(x) = -3^x$

The graph of  $f$  is obtained by reflecting the graph of  $y = 3^x$  about the  $x$ -axis.

Domain:  $(-\infty, \infty)$

Range:  $(-\infty, 0)$

Asymptote:  $y = 0$

