

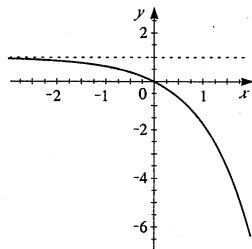
4.  $y = 1 - e^x$

The graph of  $y = 1 - e^x$  is obtained by reflecting the graph of  $y = e^x$  about the  $x$ -axis and then shifting upward 1 unit.

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

Range:  $(-\infty, 1)$

Asymptote:  $y = 1$



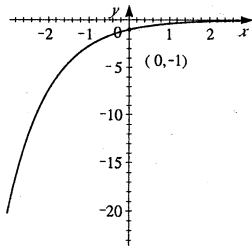
6.  $y = -e^{-x}$

The graph of  $y = -e^{-x}$  is obtained by reflecting the graph of  $y = e^x$  about the  $y$ -axis and then about the  $x$ -axis.

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

Range:  $(-\infty, 0)$

Asymptote:  $y = 0$



8.  $y = e^{x-3} + 4$

The graph of  $y = e^{x-3} + 4$  is obtained by shifting the graph of  $y = e^x$  to the right 3 units, and then upward 4 units.

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

Range:  $(4, \infty)$

Asymptote:  $y = 4$

