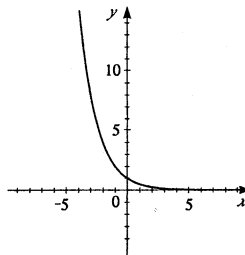


1. $f(x) = \frac{1}{2^x}$.

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

Range: $(0, \infty)$

Asymptote: $y = 0$.

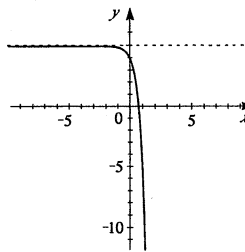


3. $y = 5 - 10^x$.

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

Range: $(-\infty, 5)$

Asymptote: $y = 5$.

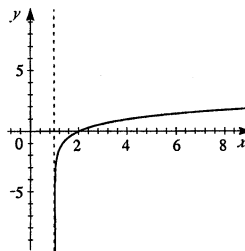


5. $f(x) = \log_3(x - 1)$.

Domain: $(1, \infty)$

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

Asymptote: $x = 1$.

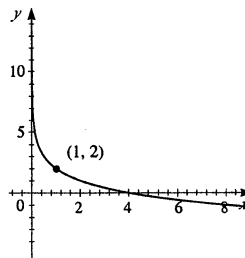


7. $y = 2 - \log_2 x$.

Domain: $(0, \infty)$

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

Asymptote: $x = 0$.



9. $F(x) = e^x - 1$.

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

Range: $(-1, \infty)$

Asymptote: $y = -1$.

