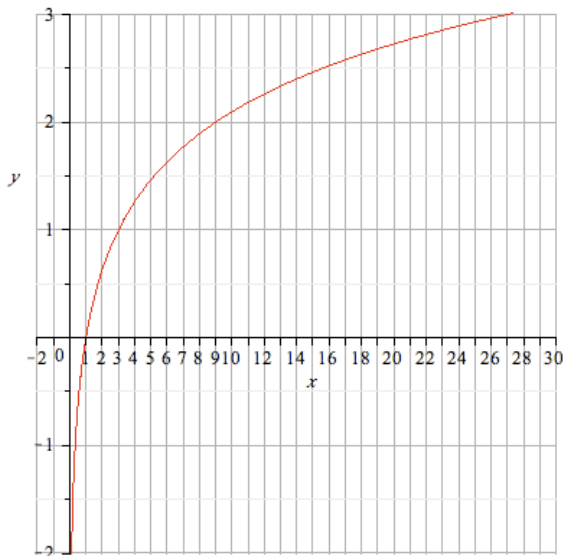


3. The following is a graph of x versus $\log_b x$. What is the value of b ? How do you know?



4. Find the value of b given the following table of values. You don't need a calculator to find it!

x	$\log_b x$
1	0
18	1.6131
36	2.0000
50	2.1833

5. Solve the following equation: $10^{x^2 - 3x + 6} = 10,000$

6. Solve the following equation: $10^{3x+2} = 10^5$