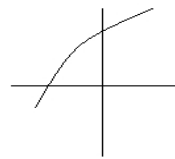
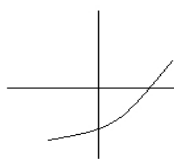
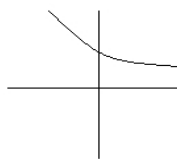
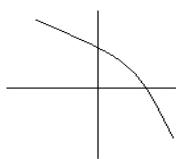


13) If $g(x) = ax + 1$ and $\int_1^2 g(x) dx = 7$, what is a ?

14) Find the *average* value of $f(x) = x^2 + 3x + 2$ over the interval $[2, 6]$

15) If y is a function of x , $y' > 0$ and $y'' < 0$, which is the graph?



16) Given the function $h(x) = x^5 - 5x^4 + 2x + 3$ Find *all values* where $h(x)$ is concave up.