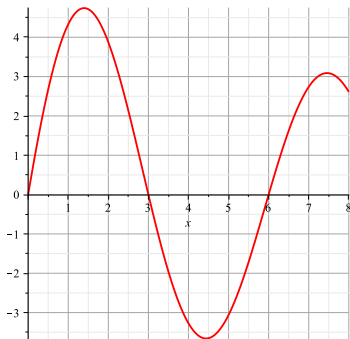


Let $F(x) = \int_1^x f(t) dt$ where $f(t)$ is the function graphed below.

1. Where is F increasing? decreasing?
2. Where does F have a local max?
a local min?
3. Is F concave up or concave down
at $x = 3$?
4. Determine if the following values are
positive or negative:
 $F(3)$, $F(4)$, $F(0)$, $F(1)$,
 $F(6) - F(3)$
5. Write the equation of the line
tangent to $y = F(x)$ at $x = 1$.



Graph of $y=f(t)$