Let $f$ be the function whose graph is shown on the screen.
1 What is $f(11)$ ?
Since $(11,1)$ is on the graph,

$$
f(11)=1 .
$$

2 For what values of $x$ is it true that $f(x)>0$ ?
The portion of the graph above the $x$-axis corresponds to those $x$-coordinates such that $f(x)>0$. This is the portion between -3 and 6 or beyond 10; the latter subportion of course only goes to 11 . So the relevant values of $x$ are those such that

$$
-3<x<6 \text { or } 10<x \leq 11
$$

3 Solve the equation $f(x)=3$.
Since $(0,3)$ and $(4,3)$ are on the graph but no other example of $(x, 3)$ is on the graph,

$$
x=0 \text { or } x=4 .
$$

