## Drawing Transformations of Graphs

## (a)

## (b)

Here is a graph of $y=f(x)$. On the same axes, draw the graph of $y=f(x)-2$.

(c)

Here is a graph of $y=f(x)$. On the same axes, draw the graph of $y=3 f(x)$

(e)

Here is a graph of $y=f(x)$. On the same axes, draw the graph of $y=f(2 x)$


Here is a graph of $y=f(x)$. On the same axes, draw the graph of $y=-f(x)$

(d)

Here is a graph of $y=f(x)$. On the same axes, draw the graph of $y=f(x+1)$

(f)

Here is a graph of $y=f(x)$. On the same axes, draw the graph of $y=2 f(x)-1$


