**2F Multiple Graphical Transformations**

1. The diagram shows the sketch of $y=f(x)$.



1. Sketch the graph of $y=2f\left(x\right)-1$



1. Sketch the graph of $y=f\left(x+2\right)+2$



1. Sketch the graph of $y=\frac{1}{4}f\left(2x\right)$



1. Sketch the graph of $y=-f\left(x-1\right)$



1. Given that:

$$f\left(x\right)=lnx, x>0$$

Sketch the graphs of:

1. $y=2f\left(x\right)-3$



1. $y=\left|f(-x)\right|$

