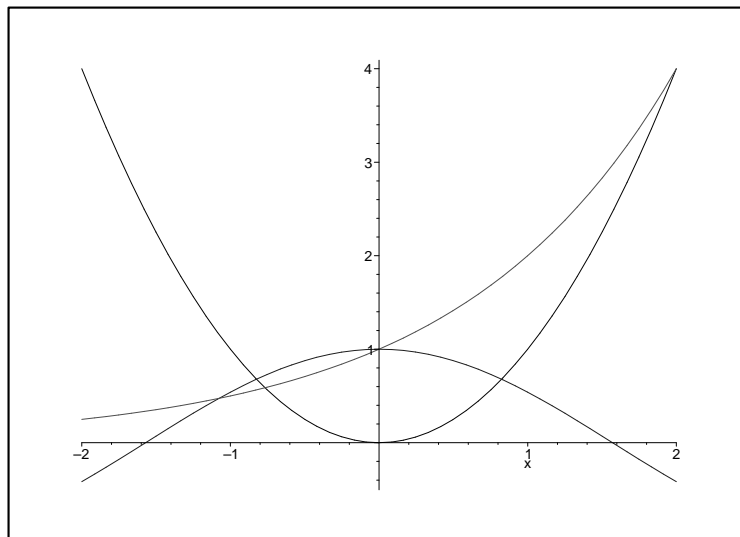


**Problem 1** Match each equation with its graph:

- 1)  $y = \sin(x + \frac{\pi}{2})$     2)  $y = x^2$     3)  $y = 2^x$



**Problem 2** Express the function below in the form  $f \circ g \circ h$

$$H(x) = \sqrt{1 + (\sin(x))^2}$$