

IM2 – 3.4 (P – bV1) Transformations of Quadratic Graphs

F.IF.7a, F.BF.3



Name: _____ Per: _____ Date: _____

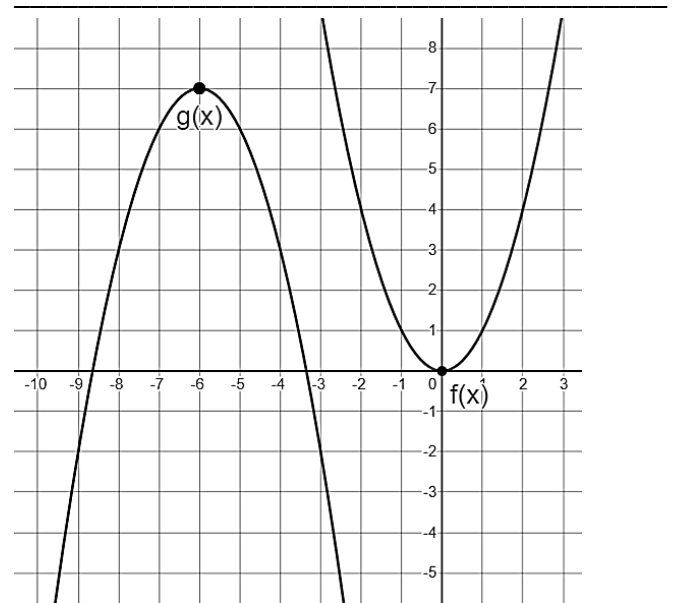
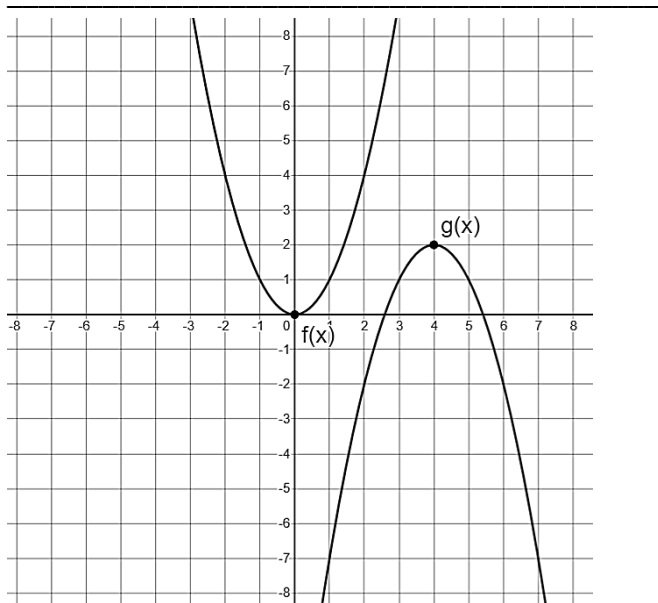
Directions – The function, $g(x)$ is graphed on each coordinate plane below. Write the equation of the graph in vertex form and describe the transformation from the parent function, $f(x)$.

1. $g(x) =$ _____

2. _____

Transformation: _____

Transformation: _____

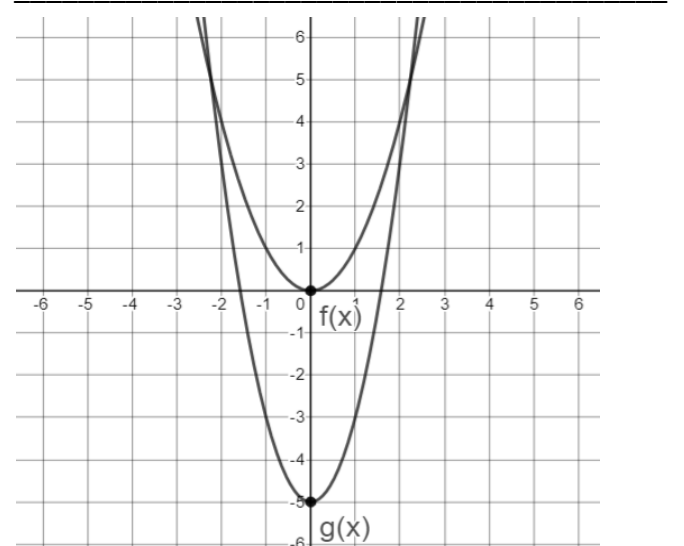
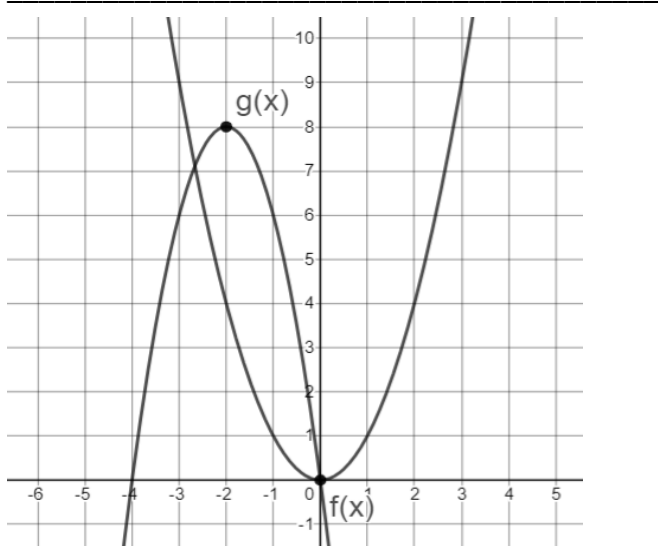


3. $g(x) =$ _____

4. _____

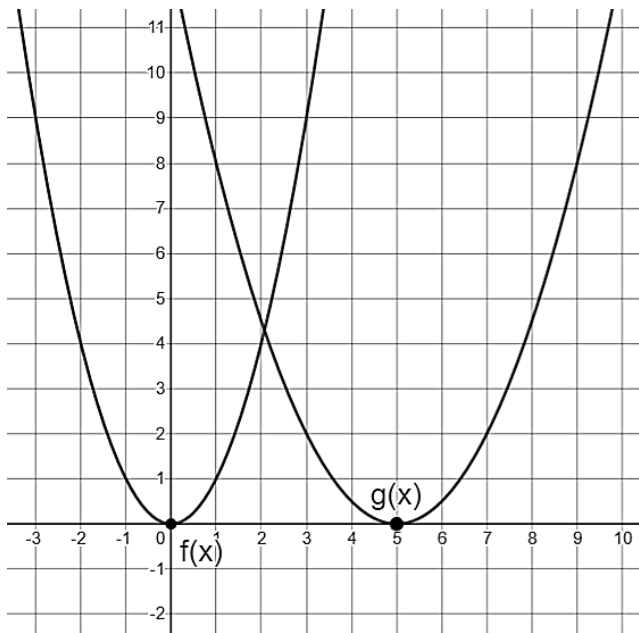
Transformation: _____

Transformation: _____



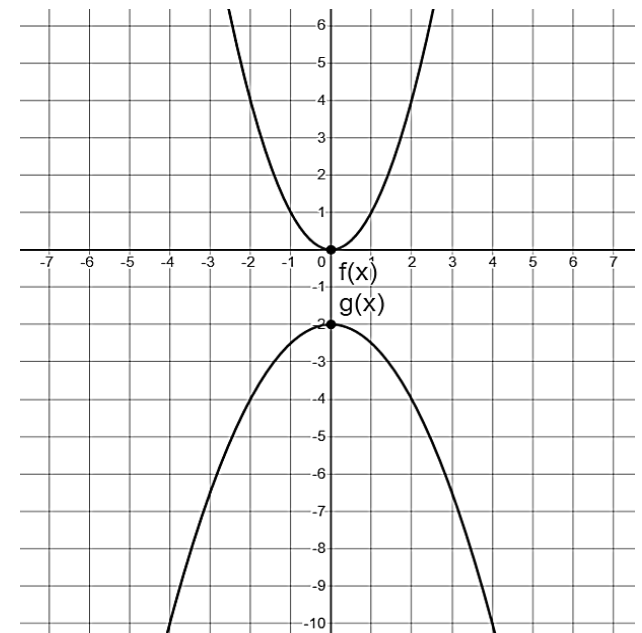
5. $g(x) =$ _____

Transformation: _____



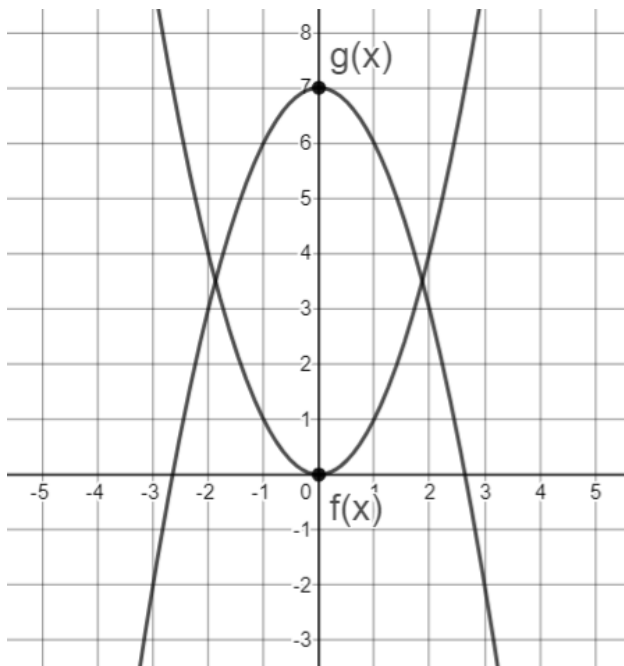
6. _____

Transformation: _____



7. $g(x) =$ _____

Transformation: _____



8. _____

Transformation: _____

