1. Apply the following transformations to in the order given. Insert one transformation at a time: right 2, up 3, vertical stretch by 5, horizontal stretch by 6, x-axis reflection.
2. Apply the following transformations to in the order given. Insert one transformation at a time: up 2, left 3, horizontal shrink by 1/5, vertical shrink by 1/2.
3. Describe how to transform the graph of f(x) into the graph of g(x):
4. For each function, find the reflection across the x-axis, and the reflection across the y-axis.

x-axis reflection: y-axis reflection:

x-axis reflection: y-axis reflection:

x-axis reflection: y-axis reflection:

1. Describe the transformation from f(x) to g(x) in the correct order.
2. (a) Describe as a vertical stretch or shrink, and as a horizontal stretch or shrink.

(b) Describe as a vertical stretch or shrink, and as a horizontal stretch or shrink.

Use the transformations to write the equation of this function:

(a) (b)

 