# Unit 3. Section 3. Practice.



selected.)

C) Choose a point on the solid graph and write down its coordinates.

D) Does the point chosen in part C satisfy the equation you wrote in part B?



B) Apply the two transformations in your first selection.

Equation after the first transformation:

Equation after the second transformation:

C) Apply the two transformations in your second selection.

Equation after the first transformation:

Equation after the second transformation:

D) Are the final equations in part B and part C the same? Is their graph the same as the one depicted by the solid line graph?



B) Apply the two transformations in your first selection.

Equation after the first transformation:

Equation after the second transformation:

C) Reverse the order of the two transformations in your first selection.

Equation after the first transformation (the second from part B):

Equation after the second transformation (the first from part B):

D) Are the final equations in part B and part C the same? Is their graph the same as the one depicted by the solid line graph?

# Homework

Exercise 1 Parent Function	
First	
Transformation	
(description)	
Second	
Transformation	
(description)	

Exercise 2. Write the equation of the following transformed functions,

A) Linear function translated 3 units up.

B) Square function translated 5 units left and 8 units down.

Exercise 3	$-2(x-1)^2+4$	-x-5 -2
Graph		-10 -5 0 (-5, -2)
Domain		
Range		