Figure 3 - Reflection with Composition, Butterfly
Be sure to reflect all shapes.

Plot all points in the main shape and reflect
and reflect it figure about the y-axis.

Main Shape				**Shape 1**

Main Shape

A (0, 5   )
B (1, 3   )
C (2, 6   )
D (4, 7   )
E (5, 8   )
F (9, 10   )
G (11, 10   )
H (11, 8   )
I   (10, 7   )
J   (8, 5   )
K (7, 3   )
L   (6, 2   )
M (4, 1   )
N (6, 0   )
O (7, -2   )
P (6, -4   )
Q (4, -4   )
R (2, -3   )
S (1, -2   )
T (0, -6   )

Connect B to S and B' to S'
and color in.

Shape 1
Plot the points and then relfect on y-axis

A (-6, 6   )
B (-8, 6   )
C (-9, 8   )
D (-7, 8   )

Shape 2 - composite transformation
Plot the points to make triangle.
Translate it 2 units down
then reflect it on the x-axis.
Hide the translated triangle.
Then reflect both triangles on the y-axis.

A (-3, 3   )
B (-5, 3   )
C (-5, 5   )

Shape 3
Plot the points and Only reflect on y-axis

A (-2, 1   )
B (-2, 2   )
C (-3, 2   )
D (-3, 1   )