

TRANSFORMATIONS

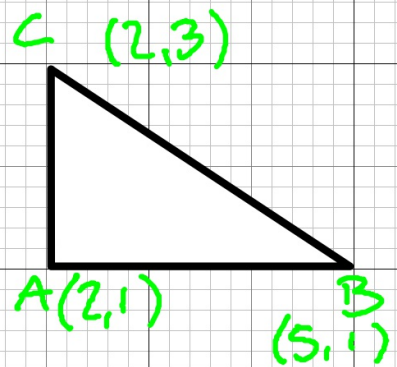
Translation \rightarrow slide

Reflection \rightarrow flip

Rotation \rightarrow turn

Dilation/Contraction \rightarrow enlarge/shrink

TRANSLATION



TRANSLATION

3 ↓, 5 ←

$C_1 (-2, 0)$

$A_1 (-3, -2)$

B_1

$(0, -2)$

$C (2, 3)$

$A (2, 1)$

$B (5, 1)$

x

Reflection

Reflect over y axis,
x-coordinate is
opposite.

$B_2 (-4, 1)$

$A_2 (-2, -1)$

$C_2 (-2, -2)$

$C (2, 2)$

$A (2, 1)$

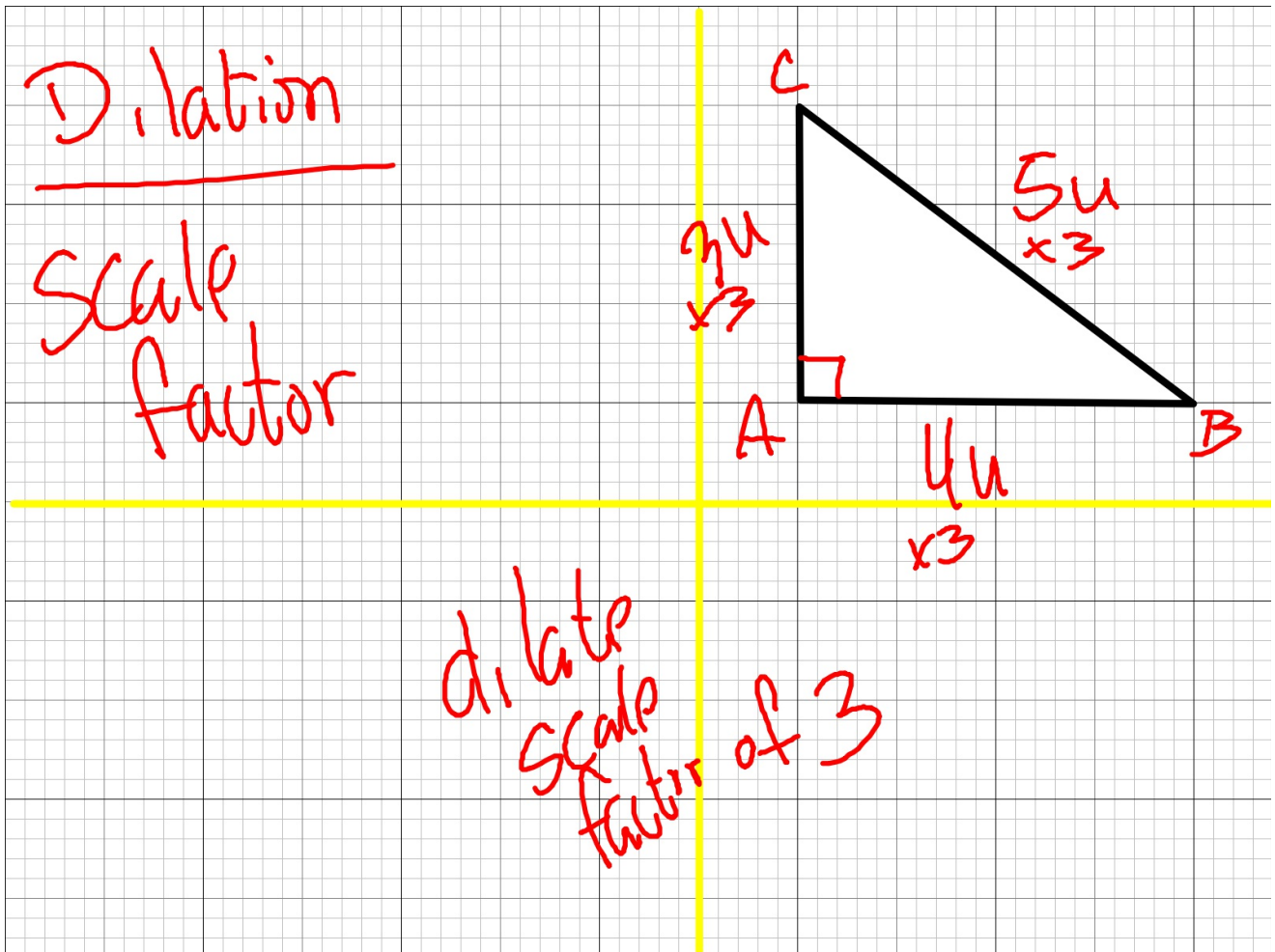
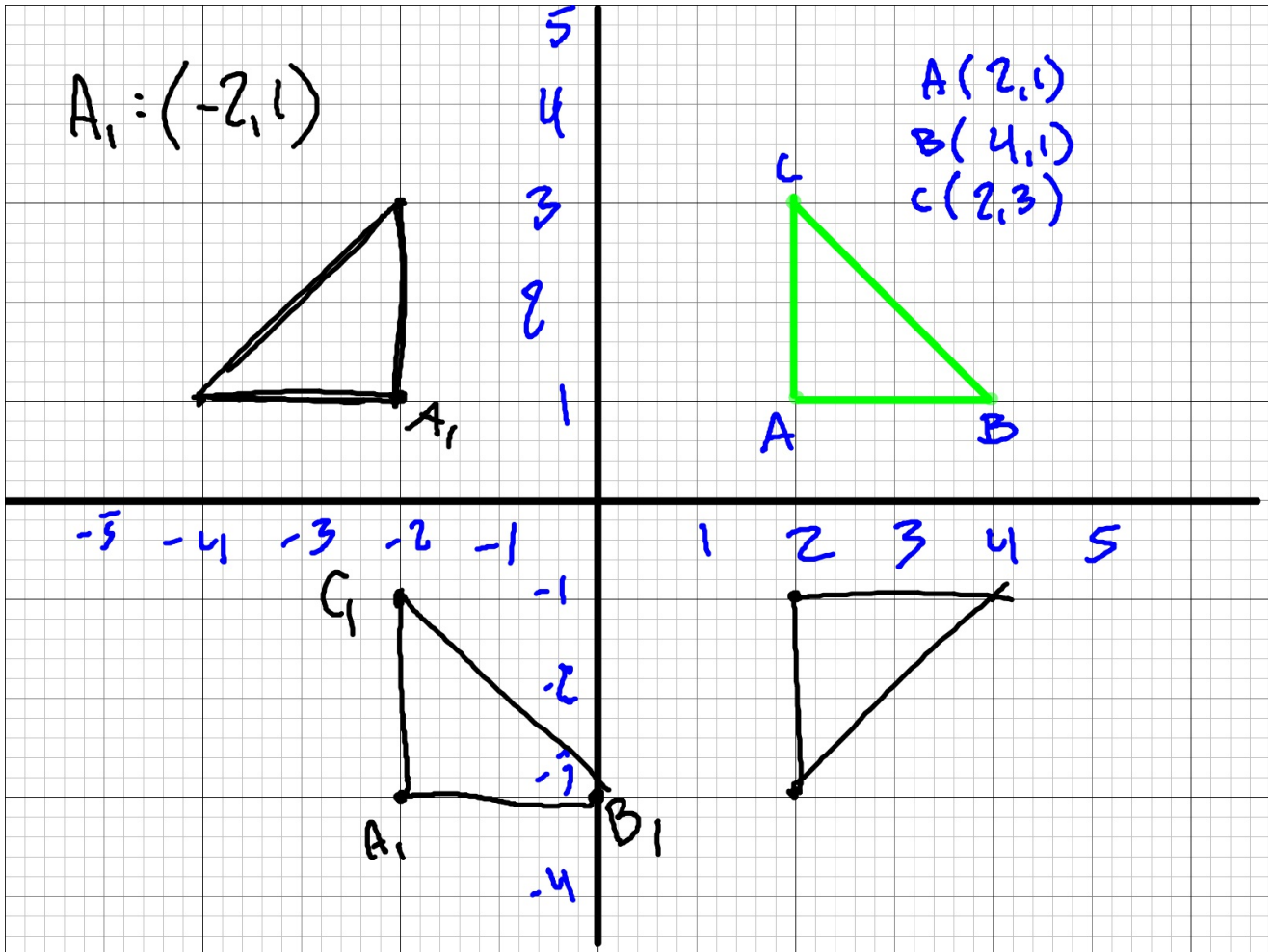
$B (4, 1)$

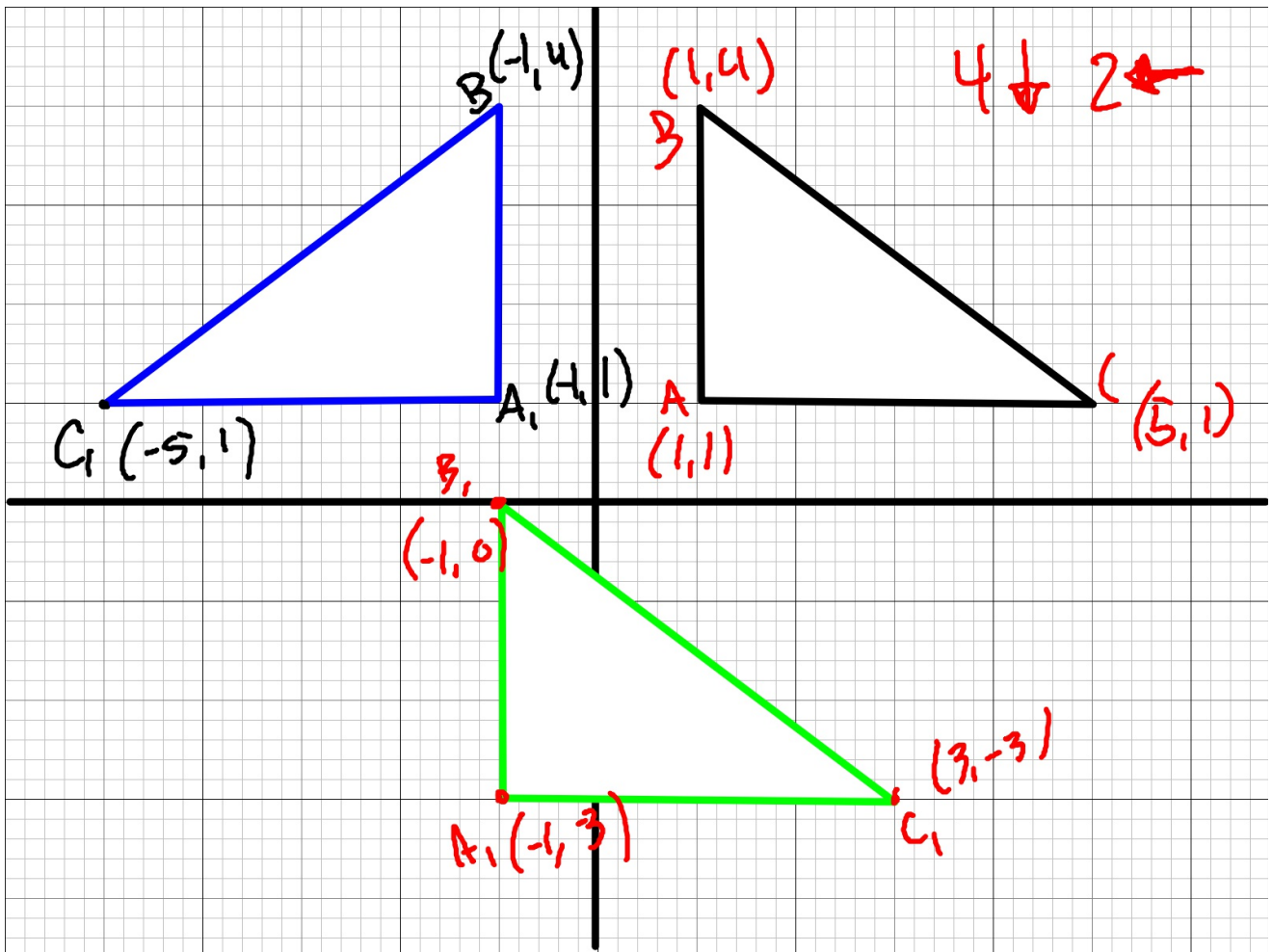
$A_1 (2, -1)$

$B_1 (4, -1)$

$(2, -2)$

Reflect over x
axis, y-coordinate
is opposite





L26 #4-16

21, 23, 29, 30