Skills 5-1 Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Graph each of the following graphs on the coordinate grids below.

1.) $y=-\frac{1}{2}x+5$ 2.) $y=\frac{3}{2}x-4$



3.) $y=2x-3$ 4.) $y=-4x+7$



5.) Graph triangle ABC then dilate by k = ½.

A = (2, 4)

B = (2, 6)

C = (4, 4)



6.) Graph triangle DEF then translate (-2, 1).

D = (1, -2)

E = (3, -5)

F = (5, -4)



7.) Graph quadrilateral GHIJ then reflect over the x-axis.

G = (-7, -7)

H = (-6, -4)

I = (-4, -4)

J = (-3, -7)



8.) Graph quadrilateral KLMN then rotate 180o.

K = (-5, 5)

L = (-3, 5)

M = (-3, 3)

N = (-5, 3)

