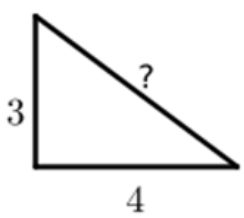
NAME DATE DUE:

1.1(A) Homework - Ready, Set, Go

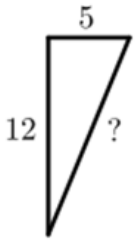
Work can be completed ON THIS paper. You do NOT need a separate sheet of paper. Remember, homework is not considered complete until you make your thinking visible.

1. For each of the right triangles, determine the measure of the missing side. Leave the measures in exact form, if irrational.

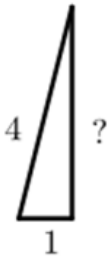
a)



b)

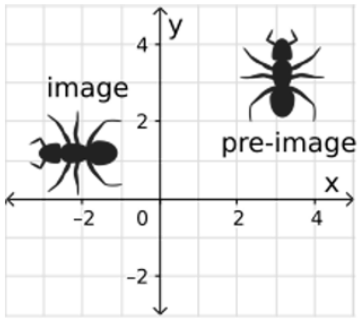


c)

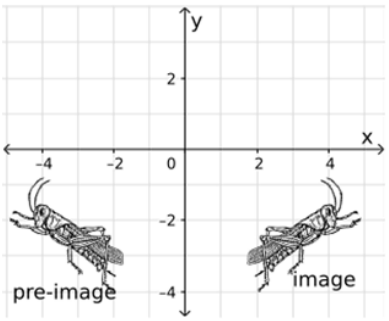


2. Name the single transformation that can be used to carry the pre-image to the image.

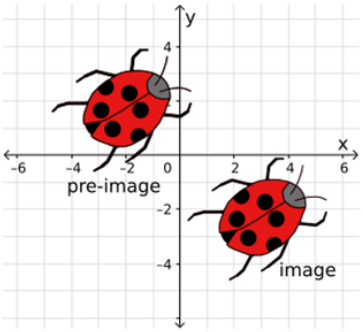
a)



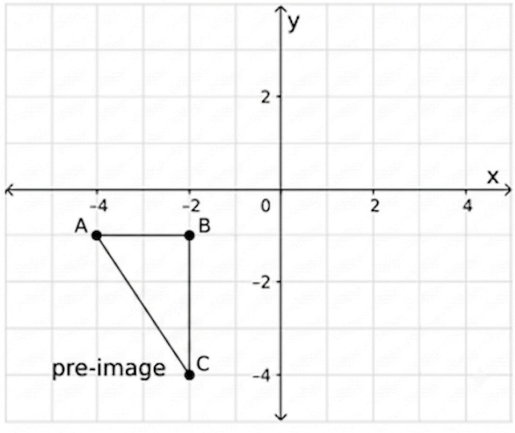
b)



c)



3. Translate the triangle right **4** and up **3**.



4. Graph each function on the coordinate grid provided.

a) $f(x) = 2x - 3$

b) $g(x) = -2x - 3$

c) State at least one similarity AND one difference between the functions $f(x)$ & $g(x)$

