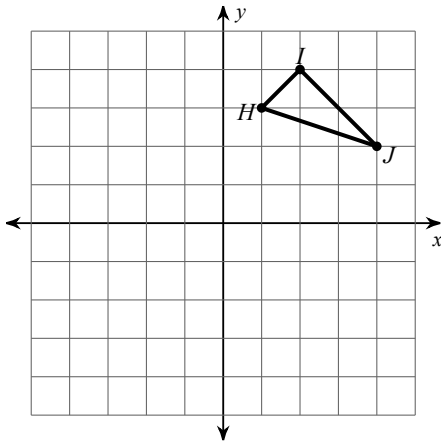


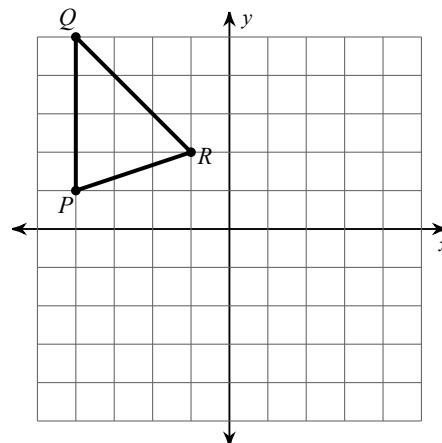
SRHS - Math 1 - #SFRev5

Graph the image of the figure using the transformation given.

1) rotation 180° about the origin

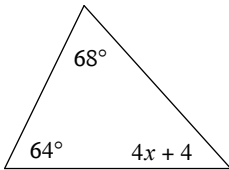


2) reflection across the y-axis

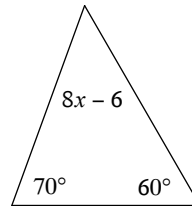


Solve for x .

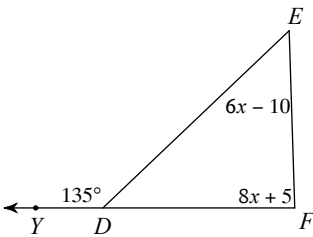
3)



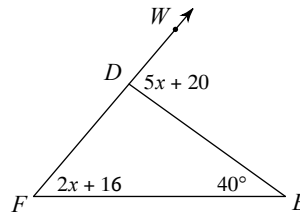
4)



5)

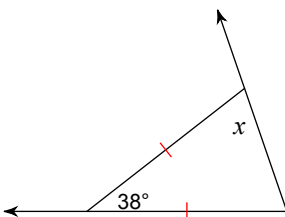


6)

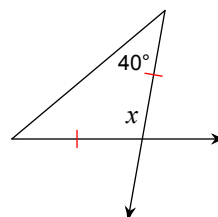


Find the value of x .

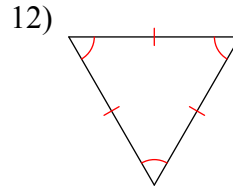
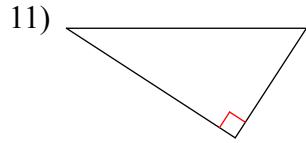
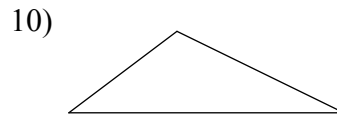
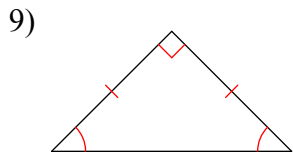
7)



8)



Classify each triangle by its angles and sides. Equal sides and equal angles, if any, are indicated in each diagram.



Determine if you have enough information to prove that the two triangles are congruent. If you do, state which triangle congruence theorem you would to prove it. If they are not congruent, state "not enough information."

