Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ IS 259

 Grade 8 Math Exam: Transformations Mr. Frangella



1)



2) What transformation is performed on ABC? Explain.

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3)



4)

5) A) Dilate the following figure by a scale

 factor of 2. Label it Q’R’S’T’

 B) List the coordinates of each point:

 Q’ =

 R’ =

 S’ =

 T’ =



6)

1. Draw the reflection of QRST over the x –axis. Label the figure Q’R’S’T’
2. Rotate the reflected image Q’R’S’T’ about the origin 180° counterclockwise. Label the figure Q’’R’’S’’T’’.
3. Dilate the figure Q’’R’’S’’T’’ by a scale factor of ½. Label the figure Q’’’R’’’S’’’T’’’
4. Q’’’=

R’’’ =

S’’’ =

T’’’ =