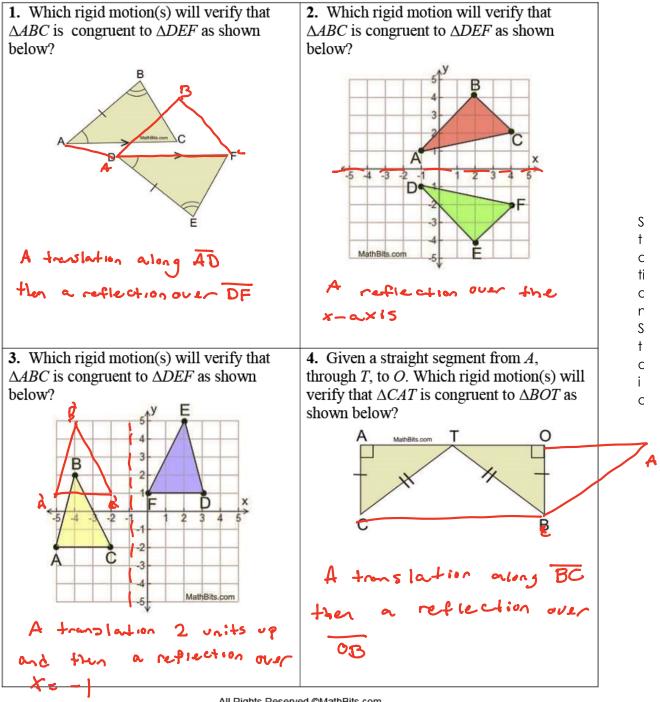


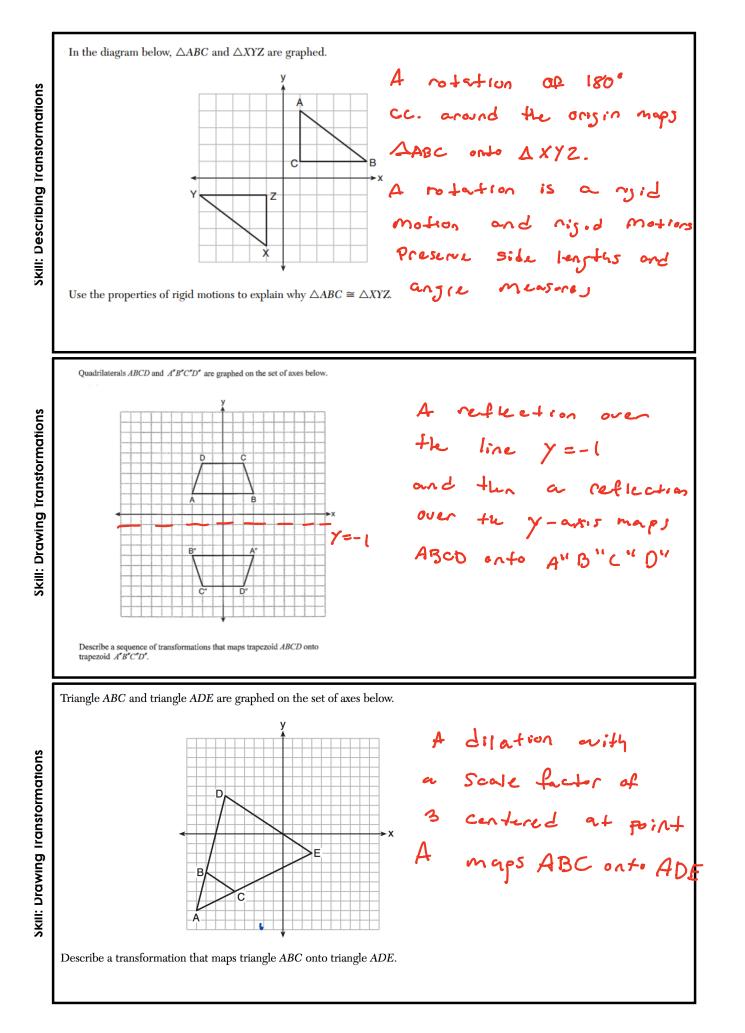
Rigid Motion and Congruence Practice

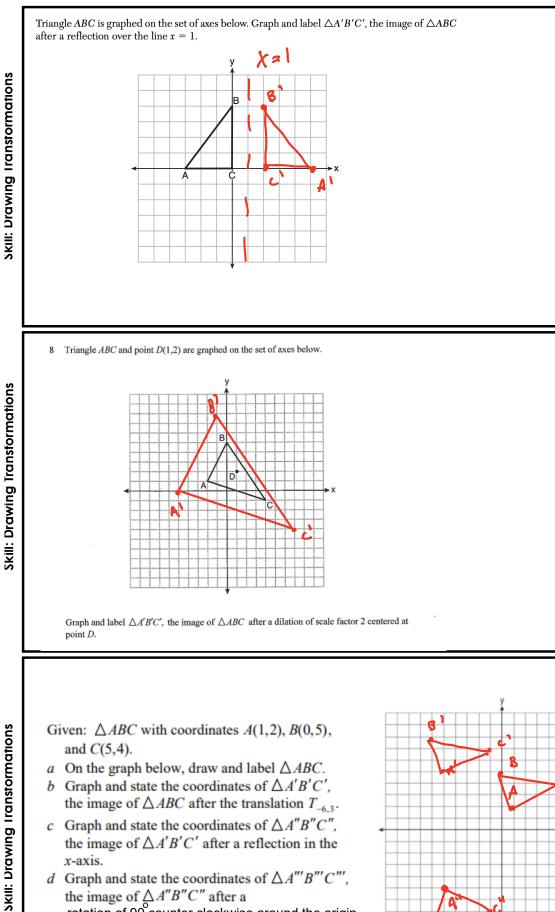
Name

Directions: Read carefully and examine the diagrams. Remember that rigid motions include reflections, translations, rotations or combinations of these transformations.

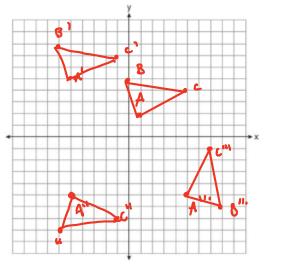


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- and C(5,4).
- a On the graph below, draw and label $\triangle ABC$.
- b Graph and state the coordinates of $\triangle A'B'C'$, the image of $\triangle ABC$ after the translation $T_{-6,3}$.
- c Graph and state the coordinates of $\triangle A''B''C''$, the image of $\triangle A'B'C'$ after a reflection in the x-axis.
- d Graph and state the coordinates of $\triangle A'''B'''C'''$, the image of $\triangle A''B''C''$ after a rotation of 90 counter clockwise around the origin



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