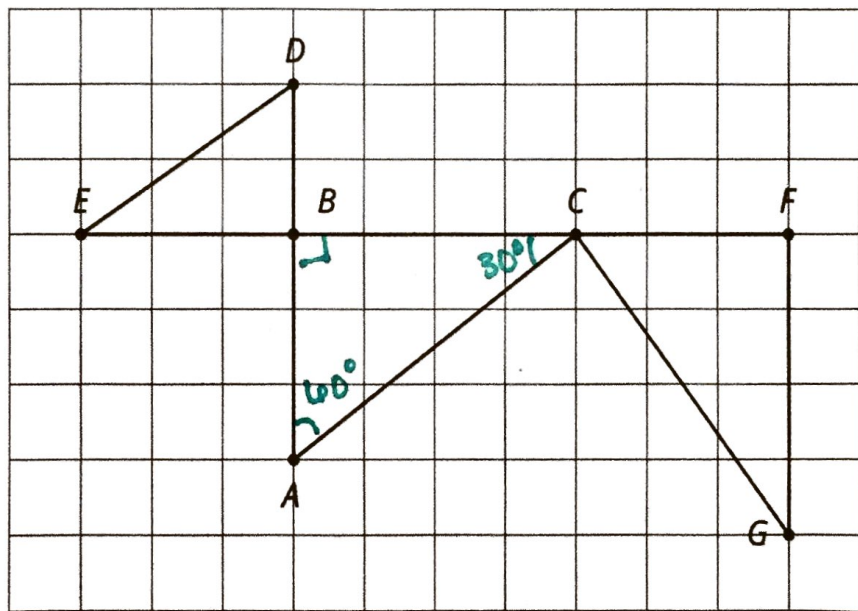


Properties of Rigid Transformations

Rigid Transformations do not change the measurements of a figure.

Shapes under rigid transformations have corresponding sides AND corresponding angles. (Congruent)

Here is a grid showing triangle ABC and two other triangles.



Which triangle is a rigid transformation of $\triangle ABC$? How do you know?

Label the corresponding parts:

A	_____	\overline{AB}	_____	$\angle A$	_____
B	_____	\overline{BC}	_____	$\angle B$	_____
C	_____	\overline{AC}	_____	$\angle C$	_____