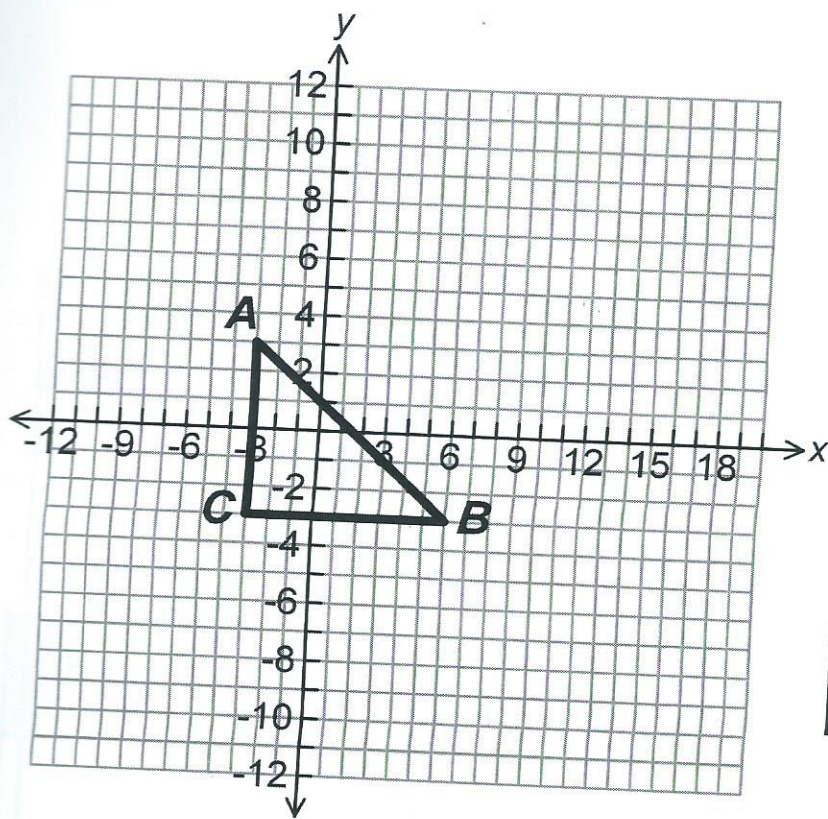


Student Name: _____ Date: _____

Triple Decker

- Name the coordinates of each vertex of the triangle below.
- Create an enlargement by multiplying each coordinate of the original figure by a scale factor of 3. Graph the enlargement and name the new coordinates.
- Create a reduction by multiplying each coordinate of the original figure by a scale factor of $\frac{1}{3}$. Graph the reduction and name the new coordinates.



Coordinates

Original Figure	Scale Factor: 3	Scale Factor: $\frac{1}{3}$
A: (__, __)	A': (__, __)	A'': (__, __)
B: (__, __)	B': (__, __)	B'': (__, __)
C: (__, __)	C': (__, __)	C'': (__, __)

Communicating About Mathematics

Describe the similarities and differences between the enlargement and the reduction of the original figure.

