

## Exploring Properties of a Midsegment with a Communicator

1. Draw a large scalene triangle on the grid paper.
2. Locate the midpoint of two sides of your triangle. Connect these two points with a segment.
3. Place your communicator on top of the template and trace your figure.
4. Move your communicator around to compare various angles and segment measurements.
5. What conclusions can you make?
6. Locate the midpoint of the third side and connect this point to the other two midpoints.
7. Place your communicator on top of the template and trace these two segments.
8. Move your communicator around to compare various angles and segment measurements.
9. What conclusions can you make?

