

Geometry – Standard G.CO.10 – Intro and Explore

For this exercise, you will need:

- a. A straight edge
 - b. Scissors
 - c. A protractor
 - d. Something to write with
 - e. A sheet of construction paper
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1. Take the sheet of construction paper and fold it in half like a hamburger. Cut it along the fold line.

 2. Draw a triangle onto one piece of the construction paper. Draw it big enough to take up most of the paper. Draw it however you want.

 3. Cut out your triangle.

 4. Use the protractor to measure the angles. Write the measurements on your triangle near the angles.

 5. Tape your triangle to the wall or cabinet or thumbtack it to the bulletin board.
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6. With your second half of construction paper, draw an isosceles triangle.

 7. Cut your isosceles triangle out.

 8. Use the protractor to measure the angles of the isosceles triangle and write the measurements on the triangle near the angle.

 9. Tape your isosceles triangle to the wall or cabinet or thumbtack it to the bulletin board.

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Isosceles or maybe not	Measure angle 1	Measure angle 2	Measure angle 3	Sum of all angles

Make three observations from the table. What patterns do you see? What conclusions can you draw?