Triangle angle discovery activity Unit 2

Did you know that the sum of the angles inside a triangle is always the same number? That’s right, no matter what the triangle looks like. You may already know what this number is. If you do, you’ll still be impressed with the fact that you can prove it relatively simply, and funly!

Here’s how to do it:

You’ll need:

* Pencil
* Scissors
* Straightedge

Step 1 – Use a straightedge and draw a large triangle at the bottom of this sheet. The weirder the triangle, the better. Make yours different from anyone else’s.

Step 2 – Cut out the triangle

Step 3 – Label each angle with different letters or numbers

Step 4 – Rip off each angle. Make two large rips so you only have three pieces of paper.

Step 5 – Put all three of your labeled angles next to each other and use your straightedge as a guide.

What did you discover? Let’s see if the whole class got the same thing.