

Dear Math Student,

My friend Lena said that a  $179^\circ$  angle is the largest possible angle in a triangle. But I know that's not right because you can have a  $179.5^\circ$  angle. Then, my friend Alex said well how about a  $179.75^\circ$  angle? Or a  $179.9^\circ$  angle? Now I'm confused. Can you tell us what the maximum possible angle in a triangle is and why? I really need some detailed information so I can understand this triangle stuff.

Thank you,

Stephanie

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In this area you should brainstorm what are some key things you should talk about in your letter back to Stephanie. Use all information you have learned about triangles in the past couple of months and what you knew before. Make sure you are very detailed in your letter to Stephanie and sometimes including diagrams, numbers, math, and words together help students really understand what you are teaching them. Once you have brainstormed you will write your letter on the lined paper or you can type it and print it off from home (your choice).