You can do this!

Hello there,

Let's talk about calculating the area of a triangle. This is an important concept to understand as you progress through your math classes. As someone with ADHD, it can be hard to stay focused but I know if you work hard and remain patient with yourself, you will get it!

The area of a triangle is calculated using the formula $A = \frac{1}{2}bh$ where A stands for the area of a triangle, b represents its base which is one side length and h stands for its height which refers to another side length. To figure out this number we would need two pieces of information: how wide (the base) and how tall (the height) our triangle was. Once we have that information we can multiply those together and then divide by 2 in order to calculate the Area of our Triangle. Let's look at an example so that this makes more sense!

Say your teacher gives you a worksheet asking what the area of a triangle is when given specific measurements. It might look like this: What is the Area of Triangle ABC? The Base (b) = 10 inches & Height(h)= 8 inches? In this case, 10 multiplied by 8 equals 80 so once you divide 80 by 2, you will find that the answer for Area= 40 square inches! Another example could be: What is the Area if Triangle X has Base(b)= 3cm & Height(h)= 4 cm ? Well in this case 3 multiplied by 4 equals 12 so dividing 12 by 2 equals 6 square centimeters as your answer!

Practicing these problems on paper or online exercises can help solidify this concept in your memory even better – don't forget patience and practice are key here ! You've got this my friend - I'm sure if you keep trying eventually figuring out areas will become second nature :). Good luck !

SAMPLE QUESTIONS!

If you have a hard time, you can ask about the answers!

1. What is the area of a triangle with base length 5 cm and height 10 cm?
2. Calculate the area of a triangle with sides 3 cm, 4 cm, and 5 cm.
3. Find the area of an equilateral triangle with side length 6 m.
4. Determine the area of an isosceles triangle with base 8 ft and height 12 ft.
5. Compute the area of a right-angled triangle whose legs are both 7 in long.