

Feb 26th 5:20:39 pm

Hello and welcome to Yup, Stephanie!

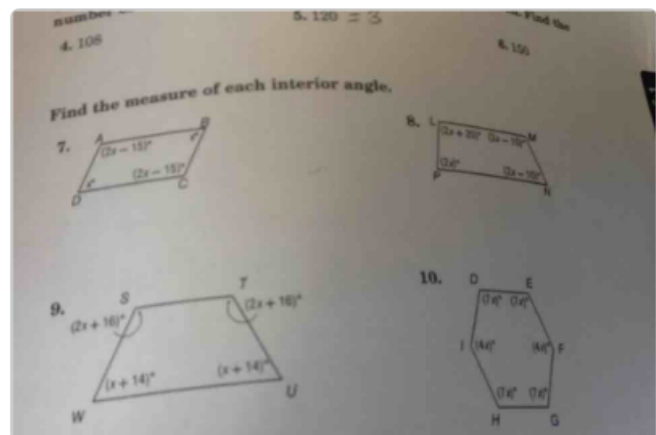
Feb 26th 5:21:16 pm

Hi

Feb 26th 5:21:29 pm

So are the instructions here to find x?

Feb 26th 5:22:14 pm



Feb 26th 5:22:19 pm

Okay! Could I have a few minutes to review your problem?

Feb 26th 5:22:55 pm

Feb 26th 5:22:35 pm

Okay

Feb 26th 5:23:26 pm

Alright are you ready to begin?

Feb 26th 5:24:38 pm

Yes

Feb 26th 5:24:47 pm

Great! So before we actually start, do you have any ideas on how to begin or have you made any progress already?

Feb 26th 5:25:22 pm

No lol

Feb 26th 5:25:38 pm

No problem haha I just have to check

Feb 26th 5:25:48 pm

I Don't even understans

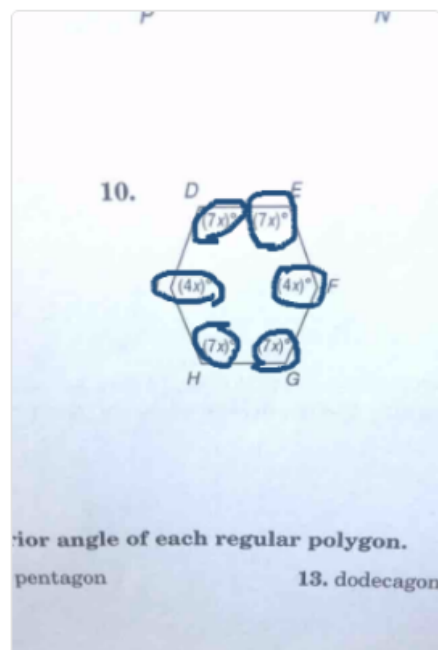
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Ok

Feb 26th 5:25:58 pm

Okay so basically the problem is asking us to find the measure of each of the interior angles, so these:

Feb 26th 5:26:27 pm



Feb 26th 5:26:46 pm

Ok

Feb 26th 5:27:12 pm

Okay, so there is actually formula to figure out the total measure of interior angles in a polygon. The measure of all of the circled angles is equal to $(n-2)*180$, where n is the number of sides in the polygon!

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Can u show me an example

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Sure! For example in the case of a square (a square has 4 sides), all of the interior angles will add up to $(4-2)*180$, or 360.

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Does this help clarify?

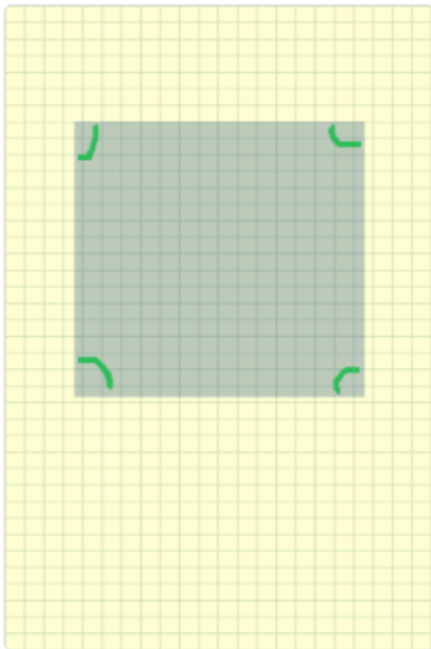
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No lol 😊

Feb 26th 5:30:51 pm

Okay so here is a square and I have labeled all of the interior angles:

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Feb 26th 5:31:56 pm

Yeah ok

Feb 26th 5:32:33 pm

So using our formula $(n-2)*180$, we substitute n for 4 (because there are four sides). We then get $(4-2)*180$, or $2*180=360$

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This means if we add up all of the labeled angles, we will get 360!

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Student ended session

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