

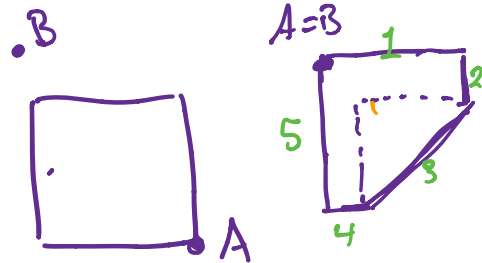
# tc core 102: Quiz 3

You have 30 minutes to complete the quiz and upload an answer. You may work with your group and any materials provided inside the Canvas course.

- [3] Recall a TUP is the "Turned Up Part" of a patty paper when one corner is folded over. Is it possible to make a fold so that the TUP has five sides? If so, draw an example. If not, provide some reasoning for why not.

sketch (+.5)  
yes (+1)  
picture (+1.5)  
dimensions labels

Yes, it is possible to have a 5-sided TUP.  
Note B is not on the patty paper.

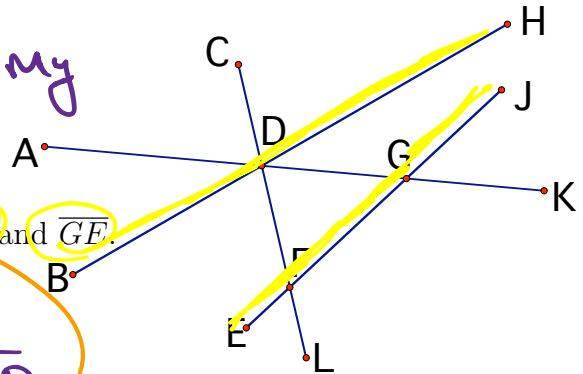


- [2] Reflect on the class work/discussion on PattyHW2 (Folding TUP's). What events/observations helped you realize that your answer needed editing and improving?

There were LOTS of personalized answers. Some:

- After seeing the work of a few others, I realized I missed some ideas
- It was difficult to read my answer at least to others
- Lots of examples were shared

- [2] Identify a line that transverses line  $\overline{BH}$  and  $\overline{GE}$ .



notation (+.5)  
finding a line (+.5)  
transversal (+1)

Both  $\overline{CL} = \overline{DL} = \overline{FL}$   
and  $\overline{AK} = \overline{DK} = \overline{AD}$   
transverse  $\overline{BH}$  and  $\overline{GE}$

sketch (+.5)  
notation (+.5)  
angles (+.5)  
pairs (+.5)  
corr. angles (+1)

- [3] Find a pair of corresponding angles with respect to the transversal line you identified in Number 3. Note there are LOTS of answers?

$\angle CDH$  and  $\angle CFS$   
 $\angle BDL$  and  $\angle EFL$

$\angle ADH$  and  $\angle AGJ$   
 $\angle ADB$  and  $\angle DGE$