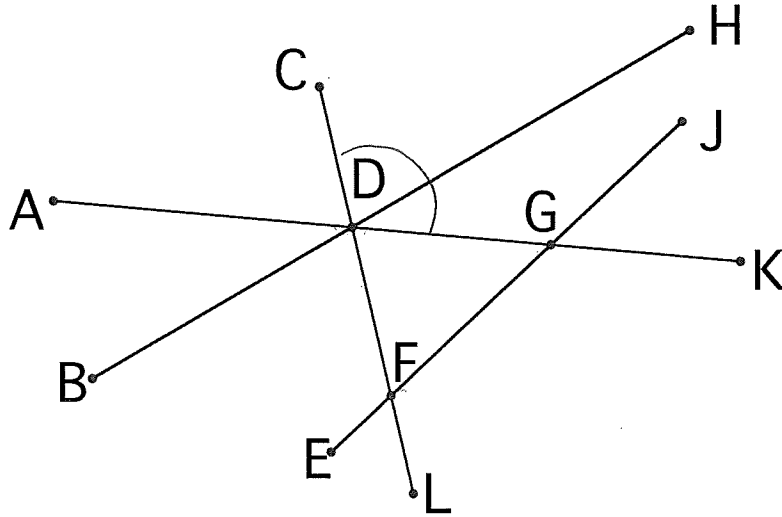


tc core 102: Quiz 1

Key

There are two sides to this quiz. You can use a calculator and a one-sided 3x5" notecard with anything written or typed on it.



1. [1] (Wheater §2.1 #1) In the diagram above, identify a point on the line \overleftrightarrow{EJ} .

For G or E or J
 ~~~~~  
 ☺

2. [6] TRUE/FALSE: Refer to the diagram above when answering the following questions. If true, circle T, otherwise circle F. Then explain briefly justify your answer (Spring'11 Quiz1#1, Wheater §2.2#7, Wheater §2.4 #8)

answer (T)  
 start justify (F)  
 justify (F)

(T) F The point  $C$  is on the ray  $\overrightarrow{FD}$ .

The ray starting at  $F$  and extending thru  $D$  continuous on past through point  $C$

(T) F  $\overrightarrow{DG}$  and  $\overrightarrow{DG}$  are the same ray.

Yes ... we used exactly the same points & notation in both labels

T (F)  $\angle CDG$  is another name for  $\angle CDA$

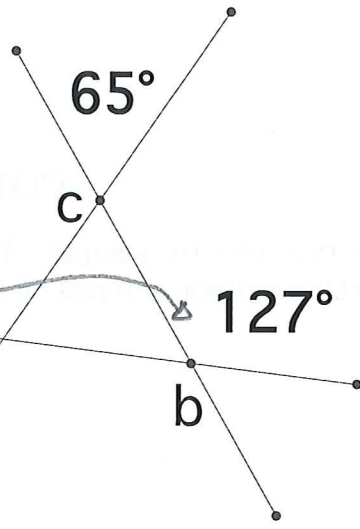
$\angle CDG$  is adjacent/next to  $\angle CDA$ .

3. [4] (Activity1#8) Find the measures of:

approach (+)  
completion (+)

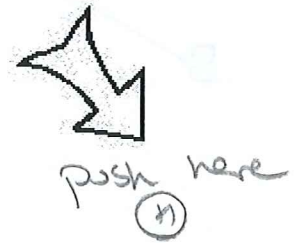
(a)  $\angle b$ .  $127^\circ$  b/c bisvertical angle to

(b)  $\angle c$ .  $130 - 65 = 115^\circ$   
b/c  $\angle c$  and  $65^\circ$  form a straight angle/line.



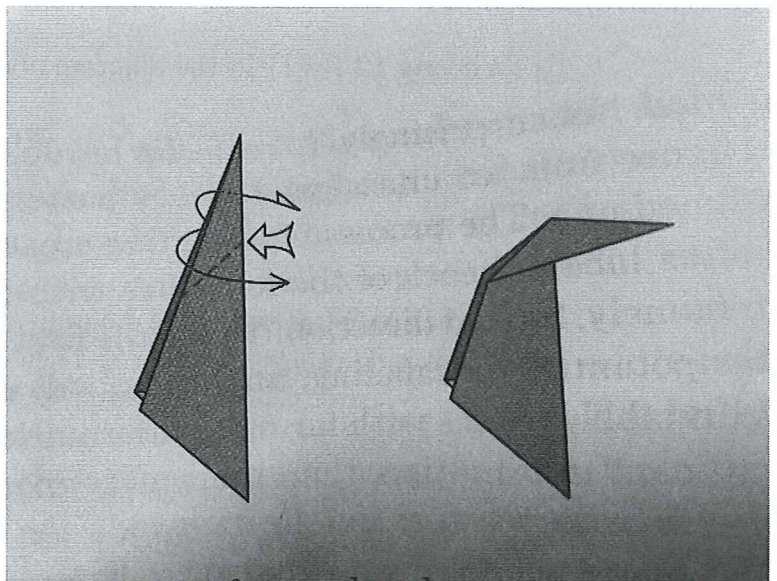
4. [3] (Lang §2.1) Explain what each symbol given below means in Lang's origami conventions.

Lang language (+.5)  
sketch (+.5)



5. [2] (HW1fold) Name which kind of fold is shown to the right:

outside reverse fold (+.5) (+.5)  
add from Lang (+)



6. [2] (Syllabus) Describe the kind of homework that will be collected in this class (TCORE 102).

Origami folds and activities (+). The activities will be open ended and require a great deal of editing (and time?)

7. [2] (Syllabus) Where are the journal prompts that are due before each class?

Canvas  
(+)

sketch (+.5)  
know about journals (+.5)