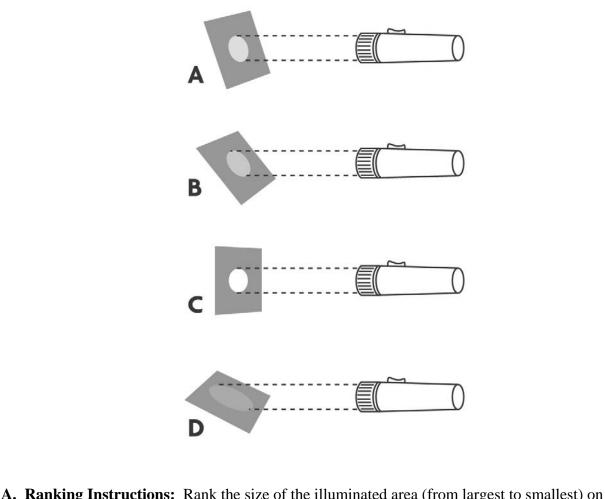
Astronomy Ranking Task: The Seasons

Exercise #2

Description: In each figure below a flashlight is shown projecting identical beams of light onto pieces of paper (A - D) inclined at various angles.



			•		
Carefully explain your reasoning fo	or rankino	this way			
Or, the illuminated areas are all the s	same size)	(ind	icate with check mark).	
Ranking Order: Largest 1	2	3	4	_ Smallest	
each piece of paper (A – D).					,

B. Ranking Instructions: Rank the brightness (from brightest to dimmest) of each illuminated area on the pieces of paper $(A-D)$.
Ranking Order: Brightest 1 2 3 4 Dimmest
Or, the areas are all the same brightness (indicate with check mark).
Carefully explain your reasoning for ranking this way:
C. Ranking Instructions: Imagine that you placed a very sensitive thermometer against the illuminated area of each piece of paper and measured its temperature. Rank the temperature (from coolest to hottest) of each illuminated area $(A - D)$.
Ranking Order: Coolest 1 2 3 4 Hottest
Or, the temperatures of each illuminated area would all be the same (indicate with check mark).
Carefully explain your reasoning for ranking this way: