

KOGW-PM-KNP: Tutorial 1

Questions- Runeson's Planimeter

July 4, 2016

1. Using planimeter, measure the shape provided. Describe how you did it [1]. What are the qualities of such a measurement [1], compared to say: counting squares*.
2. Now try to measure the length of a line with the planimeter. Compare this with using a ruler. Can you think of a way in which you could measure the length of a line using the planimeter, given that it only measures area [1]?
3. Consider what methods you employed to solve Task 2. How does this differ from Task 1 [1]? How does this compare to perception vs cognition [1]?
4. Discuss with your group possible way to differentiate between pseudo-perceptual judgements and true perceptual reports? Use the table below to help, adding any more you can think of [3]. What are the problems with using such distinctions[2]?

Measurement Quality	Perception	Cognition
Precision		
Stability		
Time taken		

Maximum marks 10/10 * Counting the number of squares, of known area, within the perimeter of the shape.