For every measurement you take, repeat it three times and take an average.

**Task 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\*.**

**Task 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]?**

**Task 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]?**

**Task 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]?**

|  |  |  |
| --- | --- | --- |
|  | Perception | Cognition |
| Precision of measurement |  |  |
| Stability of measurement |  |  |
| Time taken to measure |  |  |
|  |  |  |