

7. CASE STUDY

During maths lab activity each students was given four broom sticks of length 8cm, 8cm, 5cm, 5cm to make different types of quadrilaterals.

Using the above information answer the following questions:

- a) How many types of quadrilaterals can be formed using these sticks?
- b) Name the types of quadrilaterals formed?
- c) In a parallelogram ABCD if $\angle A$ is $\frac{4}{5}$ of $\angle B$, then what is the measure of $\angle A$?
- d) If the quadrilateral has three acute angles each measuring 70° . Then what is the measure of the fourth angle?