

WEEKLY SCHOOL

Grade 7

Mathematics

4th week of October

27 – Scale diagrams

01. Tasks to be done by student :

- Study the contents and all examples well under the sub topic of **Obtaining actual measurements from scale diagrams** on page 145 of your text book.
- Do all the exercise of **exercise 27.3** (pages:146, 147)

02. Resources that can be used for above activities :

- Pupils text book – part II (pages 145 to 147)
- E-nenapiyasa
<https://www.enenapiyasa.lk/lms/course/view.php?id=174#section-27>
- E-Thaksalawa
<https://www.e-thaksalawa.moe.gov.lk/moodle/course/view.php?id=967#section-31>
- DP Education
https://www.youtube.com/watch?v=Fc8uyY_kHXg

03. Learning outcomes to be achieved in this lesson :

- Obtaining actual measurements from a scale diagram.

04. Evaluation :

- (1) In a map drawn to the scale 1 : 1000
 - i) Find the actual length represented by 2cm.
 - ii) Find the actual length represented by 8cm.
 - iii) What length in the map represents an actual length of 10m.
- (2) In a map drawn to scale 1 : 50 000,
 - i) What is the actual distance indicated by a distance of 5cm.
 - ii) What length in the map represents a distance of 2 km.
 - iii) If the distance from maharagama to nugegoda is 10 km, what is the distance between the two cities in the map?