



Provincial Department Of Education – Sabaragamuwa  
WEEKLY SCHOOL

Subject : Science

Week : 2<sup>nd</sup> of 3<sup>rd</sup> Term

Grade 7

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- Refer the unit 21 of the text book.
  - Refer the page number 97 : Calculating the total amount, when the amount of one item in a ratio is given.
  - Refer the page number 99 : When the amount related to one term in a ratio is given, determining the other amounts.
  - Study the examples of page number 97, 98 and 99.
  - Answer the following questions.
01. A new fruit drink is made using water and fruit juice in the ratio 5:2. If the quantity of water used is 600 ml , what is the total volume of the fruit drink that is made?
  02. The ratio of the the number students come to school by walking and riding bicycle is 8:5. If the number of students come to school by riding bicycle is 75 , find the total number of students in the school.
  03. Gold and copper were mixed in the ratio 11:1 to make a certain jewellery. If the mass of gold is 2.75 g , find the mass of the jewellery.
  04. The ratio of the school students enrolled in the science , commerce and art in a school is 3:5:4. If the number of students in science scheme is 27 , find the total number of students in three schemes.
  05. A box is containing red , blue and black coloured pens. The ratio between them is 2:5:3 respectively. If the black pens are 12 , find the total number of pens in the box.
  06. The ratio of Rs.2 coins to Rs.5 coins in a bag is 5:3. If the number of Rs. 2 coins is 20 , find the number of Rs.5 coins.
  07. The ratio of motor bikes to three wheelers in a certain village is 7:4. If the number of three wheelers are 24 , find the number of motor bikes in the village.
  08. The ratio of girls to boys to teachers in a school is 8:11:1. If the number of girls in the school is 128, find the number of teachers in the school.
  09. A sum of money was divided between Nimal , Sunil and Kamal in the ratio 3:4:2. If Sunil received Rs.2200 , what was the amount of money received by Nimal.
  10. The ratio of Sinhalese to Tamil to Muslims in a certain village is 7:2:3. If the population of Muslims are 117 , find how many Sinhalese there are in the village.