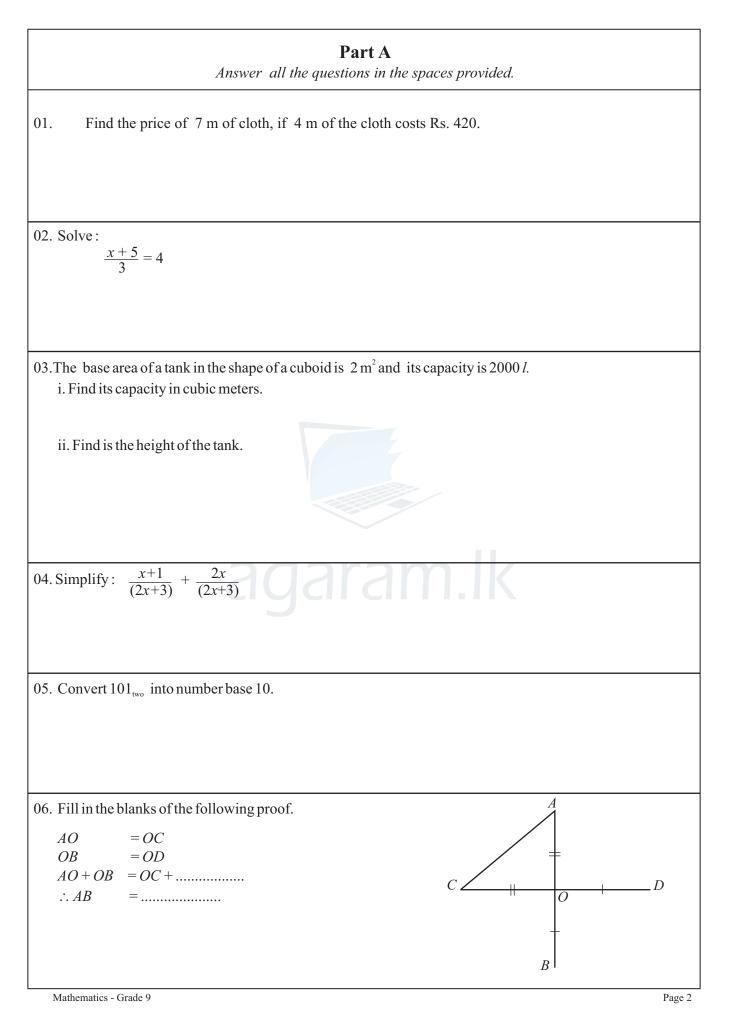
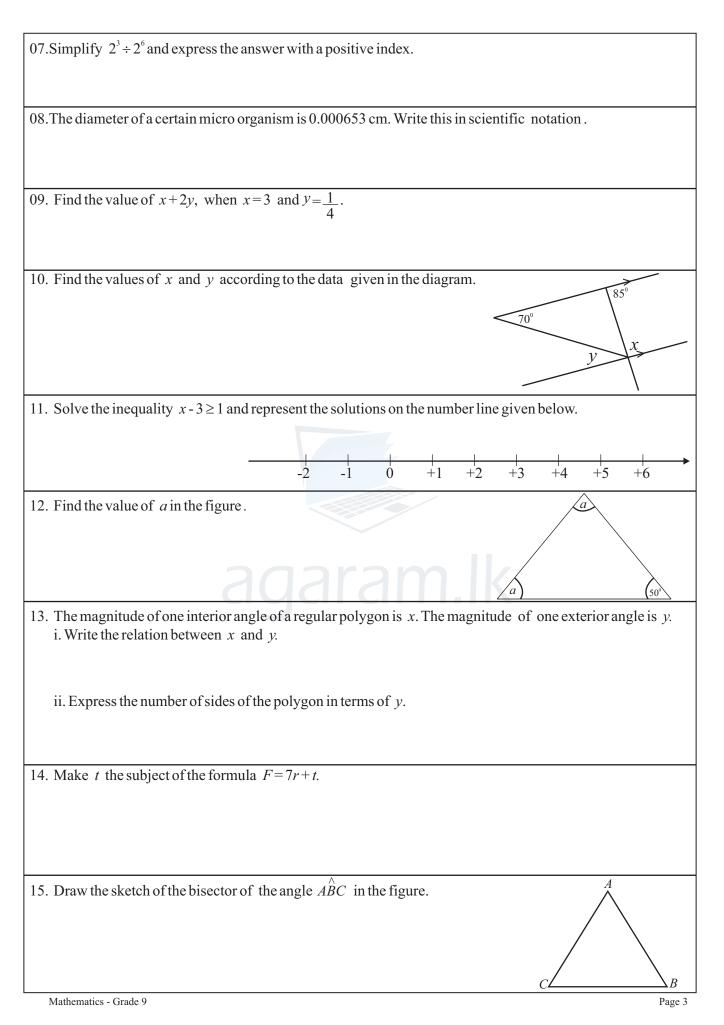
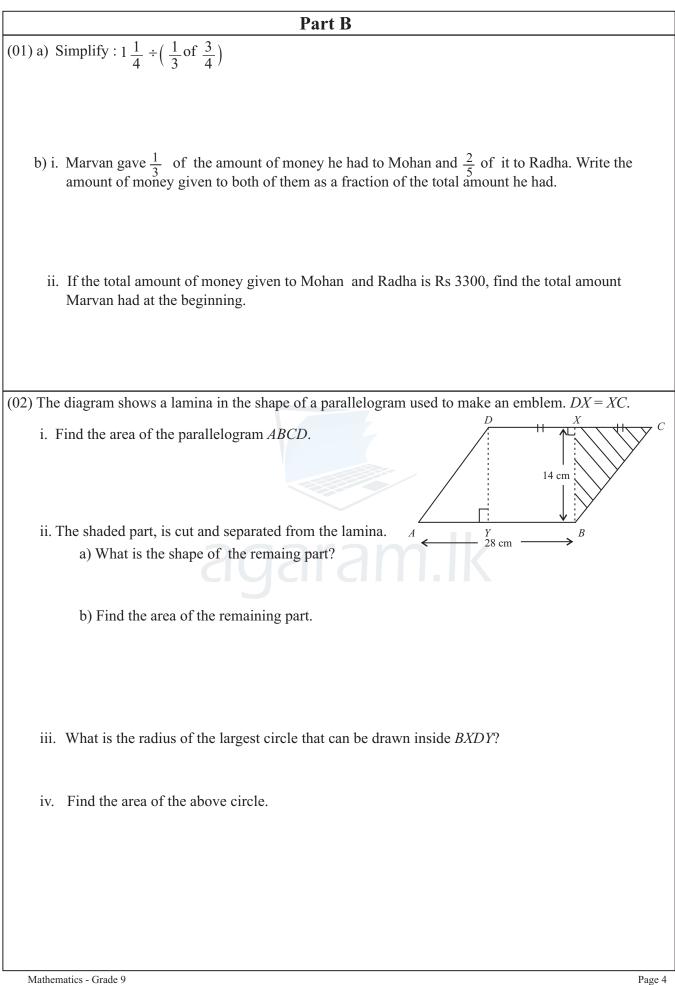
සියලූ හිමිකම් ඇව්රිණි/ முழுப் பதிப்புரிமையுடையது / All Rights reserved								
ப்பக இந் குப்பாக குப்பிக்கின்ற மத்திய மாகான அவிகளின் நிரைக்களம் நிரையாக விழியான குப்பிக்கு கான குப்பிக்கின் கிரைக்களம் நிரையான குப்பிக்கின் கிரைக்களம் நிரையான குப்பிக்கின் கிரைக்களம் குப்பிக்கின் கிரைக்களம் கிருக்குகளம் கிருக்குகளுகளு கிருக்குகளுகளுகளுகளுகளு கிருக்குகளுகளுகளுகளுகளுகளுகளு கிருக்குகளுகளுகளை கிருக்களம் கிருக்குகளுகளை கிருக்குகளை கிருக்களை கிருக்களை கிருக்குகளை கிருக்குகளை கிருக்குகளை கிருக்குகளை கிருக்குகளை கிரு								
Grade 09 Year - End Exa	32 E I							
Mathe	Time : One Hour							
Name / Index no.								
Invigilator	's Signature							
Important	For the use of examiners only							
• The question paper contains 6 pages.	Question nu	mber	Marks					
• Write your Name / Index number correctly.	Part I	1-15						
 Answer all the questions in part I Use the space provided under each question to write the answer and the working. 	Part II	1						
		2						
• Answer only 5 questions in part II		3						
• Its compulsory to write the correct units and the relevant steps.	am.ll	4						
• Marks are awarded as follows.		5						
Part I - A 2 marks for each correct answer for the questions from 1-15		6						
		7						
Part I- B 10 marks for the each question with correct answer.								
Part II 10 marks for the each question with correct answer.								
			Code number					
	Checked by		Code number					

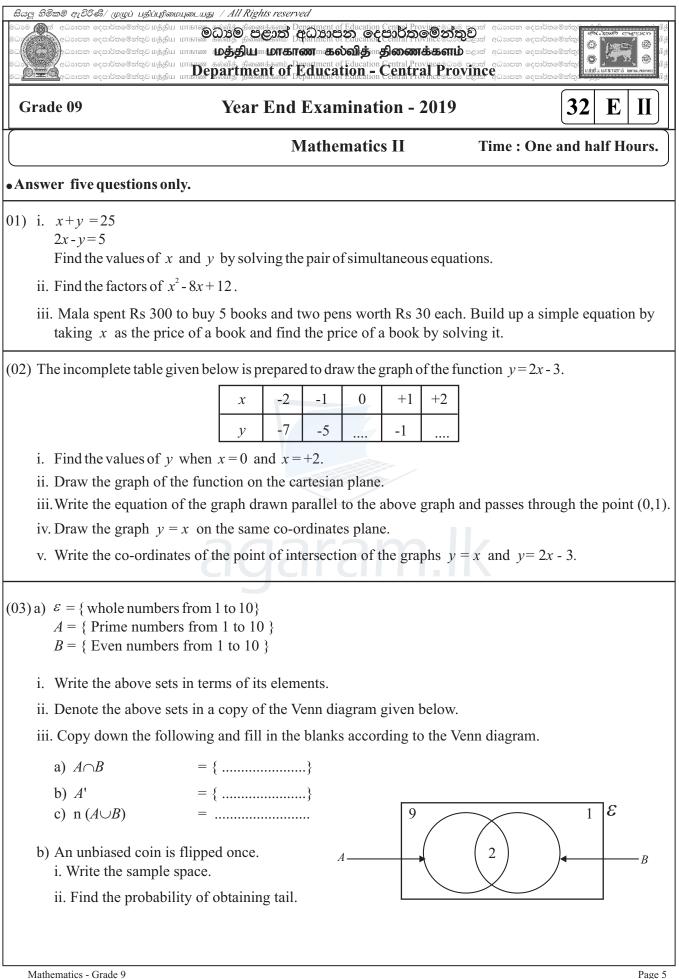
Mathematics - Grade 9







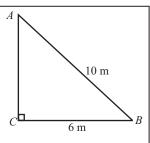




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(04)a) The diagram shows how the top of the vertical power post AC is tied down to the ground at the point B. Find the height of AC according to the measurements given in the diagram.



- b) A child walks 60 m towards south from his home. Then he walks 100 m on a bearing 055° and then comes near a mango tree.
 - i. Represent the above information in a sketch.
 - ii. Draw a scale diagram by taking the scale 1 cm represents 10 m.
 - iii. Using the scale diagram, find the actual direct distance from his home to the mango tree.
- (05) The table given below shows the information regarding the pairs of shoes sold during a month in a certain shop.

Number of pairs of shoes sold	20	21	22	23	24	25
Number of days	2	3	6	10	5	4

i. Find is the range of the distribution.

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- ii. What is the number of pairs of shoes sold in most number of days?
- iii. Find the mean number of shoes sold in a day to the nearest whole number.
- iv. The shop owner says that his target is to sell 700 pairs of shoes within a period of a month. Giving reasons, state whether his target is achieved or not.

(06) Construct the following using a straight edge with cm/mm scale and a pair of compasses only.

- i. Draw the line segment AB of length 6.2 cm.
- ii. Construct a perpendicular to AB at A.
- iii. Construct the angle $ABC = 30^\circ$ such that the point C lies on the perpendicular drawn above.
- iv. Construct the perpendicular bisector of CB.
- v. Measure and write the value of ACB^{\wedge} .
- (07) Malik saved Rs. 12 in his till in the first day and thereafter every day, he saved Rs 5 more than the previous day.
 - i. Write separately the amounts of money he saved in the till on the first three days.
 - ii. Find the general term of the above number pattern.
 - iii. Using the general term, find the amount saved on the 30^{th} day.
 - iv. Malik takes Rs 5 000 from his till and deposits it in a bank at12% annual simple interest. Find the interest received at the end of the year.



Mathematics - Grade 9

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