1	සියලුම හිම	ేవాల్ ర్వాస్ట్ లే	्र (किर्क तथि।	ULISTANLO R. A	OLKIMI / A	II Rights I	Reserve	d i Bug	300 ou ou	0 0750 8	, wy	TiğitTiLiyin		_
(2)		පළාත u Dep:	ි අධායා mansma artmen	පත ලං සෙග්ඛාද් t of Ec	දපාර්ද නිනන lucati	இை2 ஈக்கள∟ on — I	න්තුව b- ail Nortl) – උ மத்தி 1 Ce	,තුරු ய மா ntral	ூர் உ காணம் Provi	e e o z	D	<i>(1</i>)	
	Grade	7	Se	econd	Tern	n Tes	it - 2	024	port of sules, portion about the service servi	Time		2 hou	rs	_
	chool N		Subje	ct :	Mathe									
						Part	t 1						,	
			he questi											
)1. C	Complet	e the fig	are so tha	at you ol	otain a	bilatera	ally sy	mmet	ric fig	ure.			*	
2. S	implify	4+1	2 ÷ 3											
2. S	implify	4+1	2 ÷ 3							- 9				
3. R	Represei	nt the set			by wr	iting do	own a	comm	non pr	operty l	oy wł	nich th	e elemen	ts
3. R	Represer e set can	nt the set n be clear	$A = \{2$	fied.						operty l	oy wh	nich th	e elemen	ts
3. R	Represer e set can	nt the set a be clear value of	A = {2 ly identi	(+5)		g the n	umber	· line.			oy wh	nich th	e elemen	ts
3. R f the	Represent set can ind the v	nt the set a be clear value of	$A = \{2$ ly identify $(-2) + \frac{1}{3} + \frac{1}{3}$ er's age is	(+5) -1 (by usin	g the n	umber +3 +4	line.	+6	- > +7			e elemen	
3. R f the	Represent set can ind the v	t the set be clear value of -4	$A = \{2$ ly identify $(-2) + \frac{1}{3} + \frac{1}{3}$ er's age is	(+5) -1 (by usin	g the n	umber +3 +4	line.	+6	- > +7				
3. R f the	Represent set can ind the v	t the set be clear value of -4	$A = \{2$ ly identify $(-2) + \frac{1}{3} + \frac{1}{3}$ er's age is	(+5) -1 (by usin	g the n	umber +3 +4	line.	+6	- > +7				

ii

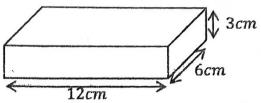
= 537.9

i 5.379 ×

 $\div 10 = 2.75$

it. 1	07. The figure sho	ws the grid wh	ich arranged to	lraw a paint on a	wall in a scl	nool. Find the	area of
18. Choose the leap years from the years given below. i AD 1800 ii AD 1824 iii AD 1792 iv AD 1734 19. The length of the road AB is 4km. It is carpeted for a distance $2\frac{2}{5}$ km. What is the length of the uncarpeted section? 2 $\frac{2}{5}$ km. What is the length of the uncarpeted section? 10. For the statements given below, mark a (ν) infront of the correct statements and a (\times) infront of the incorrect statements. i An angle whose magnitude is 189^0 is a reflection angle. ii The angle between the two blades of a pair of seissors is a dynamic angle. 11. Fill in the blanks. i $7.25km = m$ ii $302cm = m$ 12. Find the maximum number of identical parcels that can be made using 12 books, 20 pens and 16 benefits.							
18. Choose the leap years from the years given below. i AD 1800 ii AD 1824 iii AD 1792 iv AD 1734 19. The length of the road AB is 4km. It is carpeted for a distance $2\frac{2}{5}$ km. What is the length of the uncarpeted section? 2 $\frac{2}{5}$ km. What is the length of the uncarpeted section? 10. For the statements given below, mark a (ν) infront of the correct statements and a (\times) infront of the incorrect statements. i An angle whose magnitude is 189^0 is a reflection angle. ii The angle between the two blades of a pair of seissors is a dynamic angle. 11. Fill in the blanks. i $7.25km = m$ ii $302cm = m$ 12. Find the maximum number of identical parcels that can be made using 12 books, 20 pens and 16 benefits.				1	c		
12. Find the maximum number of identical parcels that can be made using 12 books, 20 pens and 16 sensitions. 12. Find the maximum number of identical parcels that can be made using 12 books, 20 pens and 16 sensitions. 13. 3 kg 75 g of fertilizer is used to a pit prepared for planting coconut seedlings. How much				$\frac{1}{2}m$	1		_
12. Find the maximum number of identical parcels that can be made using 12 books, 20 pens and 16 sensitions. 12. Find the maximum number of identical parcels that can be made using 12 books, 20 pens and 16 sensitions. 13. 3 kg 75 g of fertilizer is used to a pit prepared for planting coconut seedlings. How much				1m			
08. Choose the leap years from the years given below. i AD 1800 ii AD 1824 iii AD 1792 iv AD 1734 09. The length of the road AB is 4km. It is carpeted for a distance $2\frac{2}{5}$ km. What is the length of the uncarpeted section? $2\frac{2}{5} \text{ km}$ A 10. For the statements given below, mark a (ν) infront of the correct statements and a (×) infront of the incorrect statements. i An angle whose magnitude is 189^0 is a reflection angle. ii The angle between the two blades of a pair of seissors is a dynamic angle. 11. Fill in the blanks. i $7.25km = m$ ii $302cm = m$ 12. Find the maximum number of identical parcels that can be made using 12 books, 20 pens and 16 benefils.				1		. •	
08. Choose the leap years from the years given below. i AD 1800 ii AD 1824 iii AD 1792 iv AD 1734 09. The length of the road AB is 4km. It is carpeted for a distance $2\frac{2}{5}$ km. What is the length of the uncarpeted section? $2\frac{2}{5} \text{ km}$ A 10. For the statements given below, mark a (ν) infront of the correct statements and a (×) infront of the incorrect statements. i An angle whose magnitude is 189^0 is a reflection angle. ii The angle between the two blades of a pair of seissors is a dynamic angle. 11. Fill in the blanks. i $7.25km = m$ ii $302cm = m$ 12. Find the maximum number of identical parcels that can be made using 12 books, 20 pens and 16 benefils.				1			-
10. For the statements given below, mark a (V) infront of the correct statements and a (X) infront of the incorrect statements. i An angle whose magnitude is 189° is a reflection angle. ii The angle between the two blades of a pair of scissors is a dynamic angle. 11. Fill in the blanks. i 7.25km =m ii 302cm =m 12. Find the maximum number of identical parcels that can be made using 12 books, 20 pens and 16 bencils.				$\frac{1}{2}m$			
i AD 1800 ii AD 1824 iii AD 1792 iv AD 1734 09. The length of the road AB is 4km. It is carpeted for a distance $2\frac{2}{5}$ km. What is the length of the uncarpeted section? $2\frac{2}{5} \text{ km}$ A 10. For the statements given below, mark a (V) infront of the correct statements and a (×) infront of the incorrect statements. i An angle whose magnitude is 189^0 is a reflection angle. ii The angle between the two blades of a pair of scissors is a dynamic angle. 11. Fill in the blanks. i $7.25 \text{ km} = m$ ii $302 \text{ cm} = m$ ii $302 \text{ cm} = m$ 12. Find the maximum number of identical parcels that can be made using 12 books, 20 pens and 16 pencils.	00 61 1						
109. The length of the road AB is 4km. It is carpeted for a distance $2\frac{2}{5}$ km. What is the length of the uncarpeted section? $2\frac{2}{5} \text{ km}$ A A B 10. For the statements given below, mark a (V) infront of the correct statements and a (×) infront of the incorrect statements. i An angle whose magnitude is 189^0 is a reflection angle. ii The angle between the two blades of a pair of scissors is a dynamic angle. 11. Fill in the blanks. i $7.25km = m$ ii $302cm = m$ 12. Find the maximum number of identical parcels that can be made using 12 books, 20 pens and 16 sencils.	08. Choose the lea	p years from th	e years given be	low.	or gard li	, to be seen	
ancarpeted section? $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	i AD 1800	ii AD 1824	iii AD 1792	iv AD 1734			
10. For the statements given below, mark a (ν) infront of the correct statements and a (\times) infront of the incorrect statements. i An angle whose magnitude is 189^0 is a reflection angle. ii The angle between the two blades of a pair of scissors is a dynamic angle. 11. Fill in the blanks. i $7.25km = m$ ii $302cm = m$ 12. Find the maximum number of identical parcels that can be made using 12 books, 20 pens and 16 bencils.	09. The length of t	he road AB is 4	4km. It is carpete	ed for a distance	$2\frac{2}{5}$ km. Wha	at is the length	of the
10. For the statements given below, mark a (V) infront of the correct statements and a (X) infront of the incorrect statements. i An angle whose magnitude is 189° is a reflection angle. ii The angle between the two blades of a pair of scissors is a dynamic angle. 11. Fill in the blanks. i 7.25km = m ii 302cm = m 12. Find the maximum number of identical parcels that can be made using 12 books, 20 pens and 16 pencils.	uncarpeted section	.7					
10. For the statements given below, mark a (V) infront of the correct statements and a (X) infront of the incorrect statements. i An angle whose magnitude is 189° is a reflection angle. ii The angle between the two blades of a pair of scissors is a dynamic angle. 11. Fill in the blanks. i 7.25km = m ii 302cm = m 12. Find the maximum number of identical parcels that can be made using 12 books, 20 pens and 16 pencils.				$2\frac{2}{r}$	m		
10. For the statements given below, mark a (V) infront of the correct statements and a (X) infront of the incorrect statements. i An angle whose magnitude is 189° is a reflection angle. ii The angle between the two blades of a pair of scissors is a dynamic angle. 11. Fill in the blanks. i 7.25km = m ii 302cm = m 12. Find the maximum number of identical parcels that can be made using 12 books, 20 pens and 16 pencils.				5 10			and the second
10. For the statements given below, mark a (V) infront of the correct statements and a (×) infront of the incorrect statements. i An angle whose magnitude is 189° is a reflection angle. ii The angle between the two blades of a pair of scissors is a dynamic angle. 11. Fill in the blanks. i 7.25km = m ii 302cm = m 12. Find the maximum number of identical parcels that can be made using 12 books, 20 pens and 16 bencils.			A				B
10. For the statements given below, mark a (V) infront of the correct statements and a (×) infront of the incorrect statements. i An angle whose magnitude is 189° is a reflection angle. ii The angle between the two blades of a pair of scissors is a dynamic angle. 11. Fill in the blanks. i 7.25km = m ii 302cm = m 12. Find the maximum number of identical parcels that can be made using 12 books, 20 pens and 16 bencils.							and a
the incorrect statements. i An angle whose magnitude is 189^0 is a reflection angle. ii The angle between the two blades of a pair of scissors is a dynamic angle. 11. Fill in the blanks. i $7.25km = m$ ii $302cm = m$ 12. Find the maximum number of identical parcels that can be made using 12 books, 20 pens and 16 pencils.				A STATE OF THE STA	4km		
the incorrect statements. i An angle whose magnitude is 189^0 is a reflection angle. ii The angle between the two blades of a pair of scissors is a dynamic angle. 11. Fill in the blanks. i $7.25km = m$ ii $302cm = m$ 12. Find the maximum number of identical parcels that can be made using 12 books, 20 pens and 16 pencils.	10 For the stateme	ents given helo	w mark a (I/) in	front of the corre	rt statements	and a (X) inf	ront of
i An angle whose magnitude is 189^0 is a reflection angle. ii The angle between the two blades of a pair of scissors is a dynamic angle. 11. Fill in the blanks. i $7.25km = m$ ii $302cm = m$ 12. Find the maximum number of identical parcels that can be made using 12 books, 20 pens and 16 pencils.			w, mark a (v) m	nont of the corre	or searchinesses	and a (×) mi	Ontor
ii The angle between the two blades of a pair of scissors is a dynamic angle. 11. Fill in the blanks. 12. Find the maximum number of identical parcels that can be made using 12 books, 20 pens and 16 pencils. 13. 3 kg 75 g of fertilizer is used to a pit prepared for planting coconut seedlings. How much						-	
11. Fill in the blanks. i $7.25km = m$ ii $302cm = m$ 12. Find the maximum number of identical parcels that can be made using 12 books, 20 pens and 16 bencils.	i An angle who	ose magnitude i	s 189° is a refle	etion angle.		· L	
11. Fill in the blanks. i $7.25km = m$ ii $302cm = m$ 12. Find the maximum number of identical parcels that can be made using 12 books, 20 pens and 16 bencils.	ii The angle he	tween the two	hlades of a pair o	of scissors is a dvi	namic angle.		
i $7.25km = m$ ii $302cm = m$ 12. Find the maximum number of identical parcels that can be made using 12 books, 20 pens and 16 pencils. 13. 3 kg 75 g of fertilizer is used to a pit prepared for planting coconut seedlings. How much			010000 01 0 p.ss.				
ii $302cm = 2.5$ m 12. Find the maximum number of identical parcels that can be made using 12 books, 20 pens and 16 pencils. 13. 3 kg 75 g of fertilizer is used to a pit prepared for planting coconut seedlings. How much	11. Fili in the blam	KS.					
12. Find the maximum number of identical parcels that can be made using 12 books, 20 pens and 16 pencils. 13. 3 kg 75 g of fertilizer is used to a pit prepared for planting coconut seedlings. How much	i 7.25km =		m				
12. Find the maximum number of identical parcels that can be made using 12 books, 20 pens and 16 pencils. 13. 3 kg 75 g of fertilizer is used to a pit prepared for planting coconut seedlings. How much	•	***************************************	••••				
pencils. 13. 3 kg 75 g of fertilizer is used to a pit prepared for planting coconut seedlings. How much	ii 302 <i>cm</i> =	***************************************	m				
pencils. 13. 3 kg 75 g of fertilizer is used to a pit prepared for planting coconut seedlings. How much			was the first of	and the second second		<u> </u>	
13. 3 kg 75 g of fertilizer is used to a pit prepared for planting coconut seedlings. How much	Find the maxin pencils.	num number of	identical parcel	s that can be mad	e using 12 b	ooks, 20 pens	and 16
13. $3 kg$ 75 g of fertilizer is used to a pit prepared for planting coconut seedlings. How much						W. 14 - 14	
	Type of Artificial		and the second s			1	
					a j		
iciunzei is required for 8 such pius?				d for planting coc	onut seedlin	igs. How mucl	1
	required is required	1 for 8 such pit	81	a l			
							1
			HEAT SELECTION OF THE S	· Personal Inches			

14. The figure shows a cuboid shaped block of wood of length, breadth and height equal to 12 cm, 6 cm and 3 cm respectively. Find the maximum number of cubes with a side length of 3 cm that can be cut from it.



15. Regarding the sale of drinks, x numbers of bottles of drinks are sold per day from Monday to Friday and y numbers of bottles of drinks are sold on Saturdays and Sundays. If the total number of bottles of beverage sold in one week is B, construct a formula that contains B, x, y.

16. When x = 2 and y = 5, Find the value of $2x^3y$.

17. Find the smallest number that is divisible by all three numbers of 8, 12, and 16 using the following information.

$$8 = 2 \times 2 \times 2$$

$$12 = 2 \times 2 \times 3$$

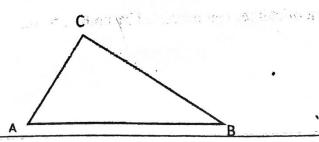
$$16 = 2 \times 2 \times 2 \times 2$$

18. 3*l* 750*ml* amount of yogurt drink is poured in equal quantities into 30 small bottles. Find how much amount of yogurt is poured into one bottle.

19. A, B, C are the centers of three circles with diameter of 4cm. Find the perimeter of triangle ABC.



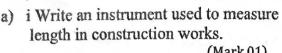
20. Using a square and a straight edge draw a line through C parallel to AB and indicate on the figure that the lines are parallel.



Part 2

Answer the first question and another four (04) questions only.

01. The figure shows the sketch of a front wall of the Thuhini's house under the construction.

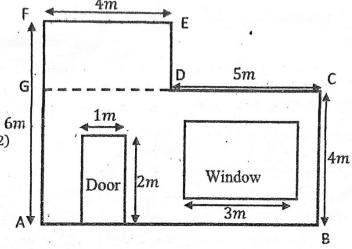


(Mark 01)

ii Find the length of DE.

(Marks 02)

iii Find the area of the section DEFG. (Marks 02)



iv Find the width of the window, If the area reserved for the window is $6m^2$.

(Marks 03)

v Find the remaining area of the wall except door and window.

(Marks 04)

b) i If one liter of paint can cover a 5m² wall, Find the amount of paint required. (Marks 02)

ii If 101 of paint were brought, find the remaining amount of paint in liters and milliliters. (Marks 02)

02. Gunapala and Siripala cultivate a chilli plantation together. On a certain day Gunapala and Siripala harvested 32 kg 300 g and 32.7 kg of ripened chilies respectively.

i Write the amount of ripened cillies that harvested by Siripala in kg and g. (Mark 01)

ii Who picked more chillies on that day?

(Mark 01)

iii Find the total amount of chillies that harvested by both of them.

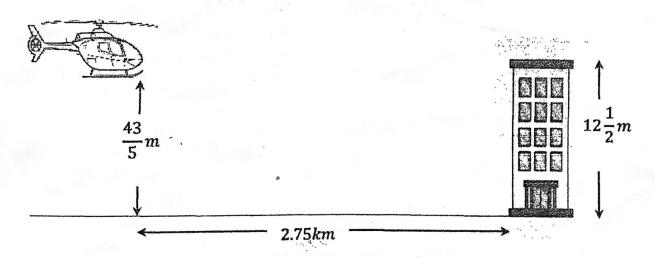
(Marks 02)

iv If 350g of dried chillies can be obtained by drying one kilogram of ripened chillies, find the mass of dried chillies obtained from the ripened chillies brought by Gunapala and Siripala.

v If 1 kg of ripened chillies can be sold for Rs 300 and 1kg of dried chillies can be sold for Rs 1000, then which sale is more profitable among them? (Marks 03)

vi They started cultivating chillies in 2022-03-20 and stopped cultivating chillies and started cultivating a new crop in 2024-09-04. How long did they spend cultivating chillies? (Marks 02)

03. When a pilot flying his helicopter $\frac{43}{5}m$ above from the level of ground and a $12\frac{1}{2}m$ tall building was observed from 2.75 km away.



i Write the height of flying helicopter as a mixed number.

(Mark 01)

ii Explain using the konowledge of fractions, If the helicopter moves horizontally forward, it will collide with the building. (Marks 03)

iii At least how much height should the helicopter be taken to avoid a collision?

iv Write the distance between the helicopter and building as a mixed number.

(Marks 02)

v if the helicopter costs Rs.1000 to travel 1 km, find the cost of traveling 2.75 km. (Marks 02)

04. Kalana and Chathura present a math problem to their friends.

I have certain money.

Chathura has eight rupees more than five times money that I have.



Both of us have a total of 80 rupees.

Chathura

i If the money which has Kalana is "x" then construct an algebraic expression for the money which has Chathura. (Marks 02)

ii Construct an algebraic expression for the total amount of money that they have and write it in simplest form.

(Marks 02)

iii In the algebraic expression obtained above ii,

a) How many terms are there?

b) Write the unknown.

(Marks 02)

iv Construct an equation for the total amount of money that they have.

(Marks 02)

v Solve the equation formed in the above iv and find the amount of money that kalana had.

(Marks 03)

05. Kamal solved a math problem given by the maths teacher as follows. The teacher said that there is a mistake in the answer.

$$40 + 40 \div (7 - 2) \times 2$$

= $80 \div (7 - 2) \times 2$
= $80 \div 5 \times 2$
= 16×2
= 32

a) i Solve the above problem correctly.

(Marks 03)

ii Explain the mistake made by Kamal.

(Mark 01)

b) i Express the 56 as a product of its prime factors.

(Marks 02)

ii write two factors of 56 which is not prime factors.

(Marks 02)

iii Express the 56 in index notation with prime numbers as the base.

(Mark 01)

- i What is the first number that can be divided by nine and found after the 256. (Marks 02)
- 06. i Construct a stright line segment AB of length 6cm.

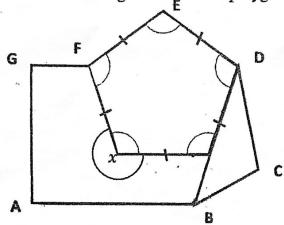
(Marks 02)

- ii Construct two circles of radius 3 cm such that A and B as their centers. (Marks 03)
- iii Draw the symmetrical axes of the figure obtained above ii .

(Marks 02)

iv Name the intersection point of symmetrical axes as "O" and construct the circle of radius OA with O as its center. (Marks 03)

07. The logo shown as below is created using three different polygon for school maths day.



i Draw a sketch of the concave polygon used for the logo and suggest a name for that polygon based on the number of sides of it. (Marks 02)

ii Measure the magnitude of the angel named as x in the logo and write the value of it. (Marks 03)

iii if $B \hat{C} D = 108^{\circ}$, Name the type of the triangle used in the logo according to size of the angles of a triangle. (Marks 02)

iv if BC = 3cm, CD = 4cm, BD = 6cm, Name the type of the triangle used in the logo according to size of the sides of a triangle.

(Marks 02)

v Vishmi says that the logo used a regular pentagon. Giving reasons state whether it is true or false.

(Marks 03)



කෙට් සටහන්|පසුගිය පුශ්න පතු|වැඩ පොත් සඟරා| 0/L පුශ්න පතු|A/L පුශ්න පතු අනුමාන පුශ්න පතු අතිරේක කියවීම් පොත් | School Book ගුරු අතපොත්

















පෙර පාසලේ සිට උසස් පෙළ දක්වා සියළුම පුශ්න පතු, කෙටි සටහන්, වැඩ පොත්, අතිරේක කියවීම් පොත්, සඟරා रिर्णा राष्ट्रिया प्रतिकार विराधित विर

www.LOL.lk වෙබ් අඩවිය වෙත යන්න