Nanyang Primary School Primary 5 Mathematics Term 1 Weighted Assessment

Name	e:		·. 		_ ()	Marks:
Class	s: Prir	mary 5 ()				/20
Date:		anning the state of the state o		Paren	ťs Siç	gnature:	
Durat	tion: 4	15 minutes					
The ι	ise of	calculators	s is <u>NOT</u>	allowed	•		
	_					•	next day. Any urning paper.
each	questi choice	on, four optio	ns are give	n. One o	of them	is the co	2 marks each. For rect answer. Make) in the bracket ()
1	What	t is the value	of 312 000	÷ 400?			
	(1)	78			,		
	(2)	780		and the same of th			in.
	(3)	7800					
	(4)	78 000					•
							/

- 2 What is the value of $16 + (39 7) \div 4 \times 2$?
 - (1) 20
 - (2) 24
 - (3) 32
 - (4) 48

3 What is the value of $\frac{2}{7} \times \frac{9}{5}$?

- (1) $\frac{11}{35}$
- (2) $\frac{18}{35}$
- (3) $\frac{53}{35}$
- (4) $\frac{73}{35}$

Donna had 168 stamps. She gave $\frac{2}{3}$ of her stamps to 7 friends. Each friend received an equal number of stamps. How many stamps did each friend receive?

- (1) 8
- (2) 16
- (3) 24
- (4) 112

5	A repe							usin	g nu	ımb	ers	3, 2	, 1 a	and	0.	The	first 1	8
	3, 0 1 st 2 ⁿ		0,	1,	3,	0,	2,	0,	1,	3,	0,	2,	0,	1,	3,	0,	2, 18 th	r
	Find th	ne sui	m of	the	firs	t 44	nu	mbe	rs.					٠.				
	(1)	55																
	(2)	54																
	(3)	53																
	(4)	48																
-															()	
	tions 6 led. Fo i.															in th		ts
6	Write :	six mi	llion	, tw	enty	y-se	ven	tho	usa	nd a	and	nine	etee	n in	nur	mera	als.	
											Ans			·····	······································		•	
7	8 child each c			d 5	piz	zas	equ	ally	for	lunc	:h. '	Wha	nt fra	actic	n o	fap	izza d	lid
																-		
											Ans	i:						
8.	Expres	$3\frac{2}{5}$	as	a de	ecin	nal.					A							
											Ans	·		:				

Questions 9 to 13 carry 2 marks each. Show your working clearly and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (10 marks)

9 Hui En bakes 420 cookies each day. She packs them into tins of 30 cookies. How many tins of cookies will she have in 9 days?

Ans:

On Monday, Mr Yusof bought 4 tables. Each table cost \$357. On Tuesday, he bought 6 identical chairs. The 6 chairs cost as much as the 4 tables. How much did each chair cost?

Ans: \$ _____

11 Find the missing number in the box.

$$\frac{6}{7} \times 35 = 3 \times \boxed{?}$$

Ans:

Prisha had some stickers at first. She gave away $\frac{1}{5}$ of her stickers and bought another 372 stickers. In the end, she was left with 912 stickers. How many stickers did Prisha give away?

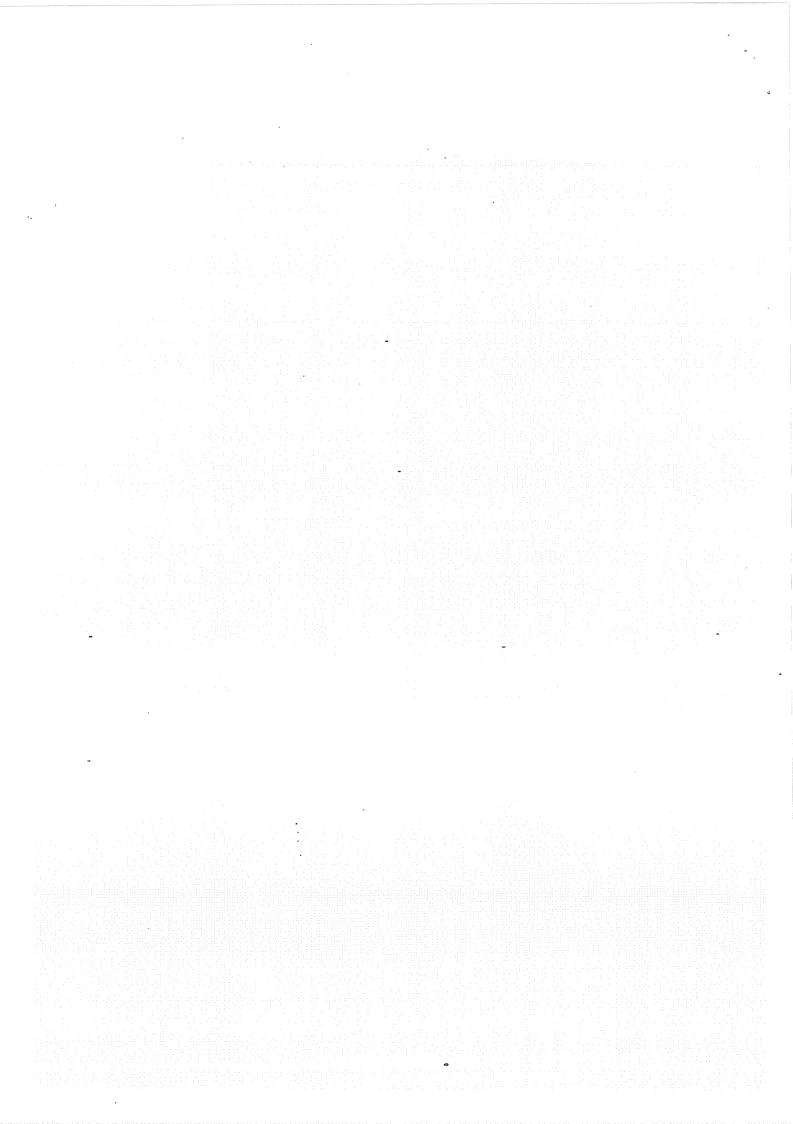
Ans:	`

Peter had a six-sided die. Each side had a number from 1 to 6. He rolled the die three times. Each time, he recorded the number he obtained. The product of the three numbers he obtained was 96. What were the three numbers he obtained?



Ans: ____, ___,

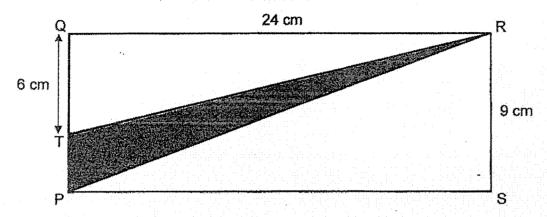
End of Paper



Nanyang Primary School Primary 5 Mathematics Term 2 Weighted Assessment

Name: ()	Marks:	
Class: Primary 5()		/20	
Date: Parent's Sig	nature:		,
Duration: 45 minutes			
The use of an approved calculator is allowed	<u>.</u>		
Please sign and return the examination pa queries should be raised at the same time w			
Questions 1 to 2 carry 2 marks each. Show your wo answers in the spaces provided. For questions whanswers in the units stated.			
1 In the figure below, ABC is a triangle. FBC Name the height of triangle ABC given its ba			eluena.
F B C C			

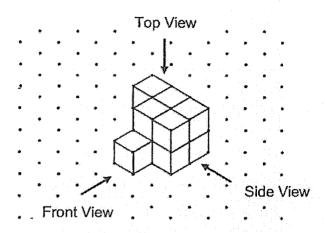
In the figure below, PQRS is a rectangle. T is a point on QP. QR = 24 cm, RS = 9 cm and QT = 6 cm. Find the total area of the unshaded parts.



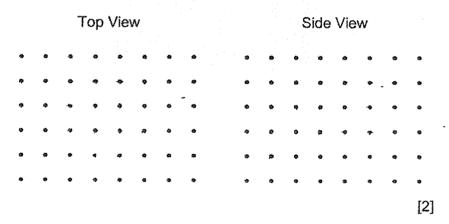
Ans: ____ cm²

For questions 3 to 6, show your working clearly and write your answers in the spaces provided. The number of marks available is shown in brackets [] at the end of each question or part-question. (16 marks)

3 Ali stacked 11 unit cubes and glued them together to form the solid below.



(a) Draw the top view and the side view of the solid on the grids below.



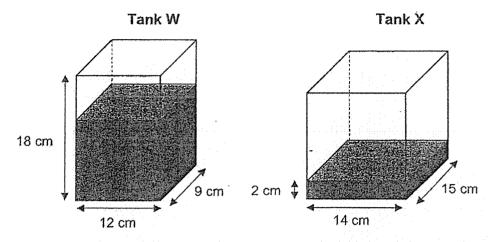
(b) Find the least number of unit cubes Ali can add to the solid to make it into a cuboid.

Ans: (b) [1]

4	Siti and Jane each had an equal amount of flour at first. The same
	amount of flour was used to bake each cake. Siti baked 8 cakes and had
	300 g of flour left. Jane baked 3 cakes and had 1.65 kg of flour left.

- (a) How many kilograms of flour did they have left altogether after baking the cakes?
- (b) How much flour did each of them have at first?

At first, Tank W was $\frac{2}{3}$ -filled with water and Tank X was filled with water to a height of 2 cm as shown below.



- (a) What was the volume of water in Tank X at first?
- (b) Rizal poured all the water from Tank W into Tank X. What was the volume of water in Tank X in the end?

The table below shows the prices of muffins at two shops. The muffins are only sold in sets of 6 muffins in Cassie's Bakery or 7 muffins in Daisy's Bakery.

	Shop	Price of muffins
	Cassie's Bakery	6 muffins for \$15
ſ	Daisy's Bakery	7 muffins for \$17

- (a) Usha has \$8.15. She wants to buy 14 muffins from Daisy's Bakery. How much more money does she need to buy the 14 muffins?
- (b) Zheng Han has \$97. He wants to buy the greatest possible number of muffins with his money from one of the two shops. What is the greatest possible number of muffins he can buy with his money?

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Nanyang Primary School Primary 5 Mathematics Term 1 Walghted Assessment

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Name: ___

Marks:

Class: Primary 5 () /20	(4) 48
Date: Parent's Signature:	(3)
Duration: 45 minutes	•
The use of calculators is NOT allowed.	3 What is the value of $\frac{2}{7} \times \frac{9}{5}$?
Please sign and return the examination paper the next day. Any	
queries should be raised at the same time when returning paper.	(1) $\frac{11}{35}$ $\frac{2}{7} \times \frac{7}{5} = \frac{15}{39}$
	13) 18
Questions 1 to 3 carry 1 marks each. Questions 4 to 5 carry 2 marks each. For each question, four options are given. One of them is the correct answer. Make	. 35
your choice (1, 2, 3 or 4) and write your answer (1, 2, 3 or 4) in the bracket () provided.	(3) $\frac{53}{35}$
(7 marks)	(4) 73
A Vilhest to the century of 240,000 to 4000	35
 What is the value of 312 000 + 400? 	
(1) 78 3120 ÷ 4 = 780	
(2) 780	4 Donne had 188 stamps. She gave ² / ₃ of her stamps to 7 friends. Each friend received an equal number of stamps. How many stamps did each
(3) 7800	friend receive?
(4) 78 000	(1) 8 # x = 112
180 (2) 4)3120	70) 40
4)3130 -28 -32 -32 -32 -6	(2) 10 2 ÷ 7 = (
- <u>37</u>	(4) 112 1/4 1/13 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2
	4 (2)
1	2
•	
5 A repeated pattern is formed using numbers 3, 2, 1 and 0. The first 18	Questions 9 to 13 carry 2 marks each. Show your working clearly and write
	trust growings in this annual managed flor assessment which mostly states
numbers are shown below.	your answers in the spaces provided. For questions which require units, give your answers in the units stated. (10 marks)
(3, 0, 2, 0, 1, 3, 0, 2, 0, 1, 3, 0, 2, 0, 1, 3, 0, 2,	your answers in the spaces provided. For questions which require units, give-
(3, 0, 2, 0, 1, 3, 0, 2, 0, 1, 3, 0, 2, 0, 1, 3, 0, 2,	your answers in the spaces provided. For questions which require units, give your answers in the units stated. (10 marks) 9 Hui En bakes 420 cookies each day. She packs them into tins of 30 cookies. How many tins of cookies will she have in 9 days?
(3, 0, 2, 0, 1) 3, 0, 2, 0, 1, 3, 0, 2, 0, 1, 3, 0, 2, 1 ^M 2 ^{ml} 3 ^{ml} 1 group 19 ^m Find the sum of the first 44 numbers.	your answers in the spaces provided. For questions which require units, give your answers in the units stated. 9 Hul En bakes 420 cookies each day. She packs them into tins of 30 cookies. How many tins of cookies will she have in 9 days? 430 430 214 9 9
(1) 55 3+0+2+0+! = 6	your answers in the spaces provided. For questions which require units, give your answers in the units stated. (10 marks) 9 Hui En bakes 420 cookies each day. She packs them into tins of 30 cookies. How many tins of cookies will she have in 9 days?
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3. 0. 2. 0. 1. 3. 0. 2. 0. 1. 3. 0. 2. 0. 1. 3. 0. 2 1 2 2 3 3 1 group Find the sum of the first 44 numbers. (1) 55	your answers in the spaces provided. For questions which require units, give your answers in the units stated. 9 Hull En bakes 420 cookies each day. She packs them into tins of 30 cookies. How many tins of cookies will she have in 9 days? 430 ± 30 = 14
Find the sum of the first 44 numbers. (1) 55	your answers in the spaces provided. For questions which require units, give your answers in the units stated. 9 Hull En bakes 420 cookies each day. She packs them into tins of 30 cookies. How many tins of cookies will she have in 9 days? 430 ± 30 = 1 th 14 x 9 = 135 (ant) Ans: 135 On Monday, Mr Yusof bought 4 tables. Each table cost \$357. On Tuseday, he bought 8 identical chairs. The 6 chairs cost as much as the
3. 0, 2, 0, 1) 3, 0, 2, 0, 1, 3, 0, 2, 0, 1, 3, 0, 2, 1 2 2 3 3 1 group Find the sum of the first 44 numbers. (1) 55	your answers in the spaces provided. For questions which require units, give your answers in the units stated. 9 Hull En bakes 420 cookies each day. She packs them into tins of 30 cookies. How many tins of cookies will she have in 9 days? 430 ± 30 = 1 th 14 x 9 = 135 (ant) Ans: 135 On Monday, Mr Yusof bought 4 tables. Each table cost \$357. On Tuseday, he bought 8 identical chairs. The 6 chairs cost as much as the
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(1) 55 3+0+2+0+! = 6 (2) 54 48 48 49+0+2+0 = 53 (4) 48 (3) 5 Carry 1 mark each. Write your answers in the spaces provided. For questions of the linits of the spaces gives the spaces of the spaces gives the spaces of the spaces	your answers in the spaces provided. For questions which require units, give your answers in the units stated. 9 Hull En bakes 420 cookies each day. She packs them into tins of 30 cookies. How many tins of cookies will she have in 9 days? 430 ± 30 = 1 th 14 x 9 = 135 (ant) Ans: 135 On Monday, Mr Yusof bought 4 tables. Each table cost \$357. On Tuseday, he bought 8 identical chairs. The 6 chairs cost as much as the
(3) 0, 2, 0, 1) 3, 0, 2, 0, 1, 3, 0, 2, 0, 1, 3, 0, 2, 1 1 2 2 3 3 1 group Find the sum of the first 44 numbers. (1) 55 3+0+2+0+! = 6 (2) 54 49.5 = 884 (3) 53 658 = 43 (4) 48 48+3+0+2+0 = 53 (3) 5 (4) 48 (3) 53 (3) 658 = 43 (5) 678 = 43 (6) 7 (1) 8 (your answers in the spaces provided. For questions which require units, give your answers in the units stated. 9 Hull En bakes 420 cookies each day. She packs them into tins of 30 cookies. How many tins of cookies will she have in 9 days? 430 ± 30 = 1 th 14 x 9 = 135 (ant) Ans: 135 On Monday, Mr Yusof bought 4 tables. Each table cost \$357. On Tuseday, he bought 8 identical chairs. The 6 chairs cost as much as the
(3, 0, 2, 0, 1) 3, 0, 2, 0, 1, 3, 0, 2, 0, 1, 3, 0, 2, 1 2 20 30 1 group Find the sum of the first 44 numbers. (1) 55 3+0+2+0+! = 6 (2) 54 4+3 5 = 8 8 4 (3) 53 6 7 8 + 4 (4) 48 (3) 6 7 8 + 4 (4) 48 (3) 6 7 8 + 6 (5) 6 7 8 + 6 (6) 7 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	your answers in the spaces provided. For questions which require units, give your answers in the units stated. 9 Hull En bakes 420 cookies each day. She packs them into tins of 30 cookies. How many tins of cookies will she have in 9 days? 430 ± 30 = 1 th 14 x 9 = 135 (ant) Ans: 135 On Monday, Mr Yusof bought 4 tables. Each table cost \$357. On Tuseday, he bought 8 identical chairs. The 6 chairs cost as much as the
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(3, 0, 2, 0, 1) 3, 0, 2, 0, 1, 3, 0, 2, 0, 1, 3, 0, 2, 1 2 20 30 1 group Find the sum of the first 44 numbers. (1) 55 3+0+2+0+! = 6 (2) 54 4+3 5 = 8 8 4 (3) 53 6 7 8 + 4 (4) 48 (3) 6 7 8 + 4 (4) 48 (3) 6 7 8 + 6 (5) 6 7 8 + 6 (6) 7 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	your answers in the spaces provided. For questions which require units, give your answers in the units stated. 9 Hui En bakes 420 cookies each day. She packs them into tins of 30 cookies. How many tins of cookies will she have in 9 days? 420 ± 30 = 14
(1) 55 3+0+2+0+! = 6 (2) 54 49 3 48 48 48 48 48 48 48 48 48 48 49 49 49 53 88 49 49 49 49 53 88 49 49 49 49 49 53 88 49 49 49 49 49 49 49 49 49 49 49 49 49	your answers in the spaces provided. For questions which require units, give your answers in the units stated. 9 Hull En bakes 420 cookles each day. She packs them into tins of 30 cookles. How many tins of cookles will she have in 9 days? 430 430 = 14 14 x 9 = 135 (ant) Ans: 125 Ans: 125 Ans: 125 Ans: 125 Ans: 4357 x 4 = \$1378 (ans) \$1828 + 5 = \$238 (ans) Ans: \$238 Ans: \$238
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Guestions 6 to 8 carry 1 mark each. Write your enswers in the units stated. 13 co co co 27 co 19 Write six million, twenty-seven thousand and nineteen in numerals. 14 co	your answers in the spaces provided. For questions which require units, give your answers in the units stated. (10 marks) 9 Hull En bakes 420 cookles each day. She packs them into tins of 30 cockles. How many tins of cookles will she have in 9 days? 420 4 30 = 11
3, 0, 2, 0, 1) 3, 0, 2, 0, 1, 3, 0, 2, 0, 1, 3, 0, 2, 1 2 2 3 3 1 group Find the sum of the first 44 numbers. (1) 55 3+0+2+0+! = 6 (2) 54 4+5=884 (3) 53 6*8=46 (4) 48 49+3+0+2+0=53 (4) 48 49+3+0+2+0=53 (3) 5 Questions 6 to 8 carry 1 mark each. Write your answers in the units stated. (3 marks) Write six million, twenty-serven thousand and nineteen in numerals. Ans: 6 021 019 7 8 children shared 5 pizzas equally for lunch. What fraction of a pizza did seach child get? 5 + 8 = 5 Ans: 5 Ans: 5	your answers in the spaces provided. For questions which require units, give your answers in the units stated. 9 Hull En bakes 420 cookles each day. She packs them into tins of 30 cookles. How many tins of cookles will she have in 9 days? 430 ± 30 = 14

2 What is the value of 15 + (39 - 7) + 4 × 27

(1) 20

(2) 24

(3) 32

8 + 32 + 4×3

= 16 + 8 x2

= 16+16

12 Prisha had some stickers at first. She gave away ¹/₅ of her stickers and bought another 372 stickers. In the end, she was left with 812 stickers. How many stickers did Prisha give away?

$$q_{12} - 37^2 = 540 \rightarrow \frac{4}{5}$$
 $q_{12} - 37^2 = 540 \rightarrow \frac{4}{5}$
 540
 540
 $4)340$
 $4)340$
 $4)340$
 41

Ans:								

13 Peter had a so-sided die. Each side had a number from 1 to 8. He rolled the die three three. Each time, he recorded the number he obtained. The product of the three numbers he obtained was 96. What were the three numbers he obtained?

Rolled the die	9.				76.5	
3 times -> numbers	ixab				+ 195	
can be	2×43 =	2×8×c			#	
répeated	3×32 =	3× 4×2			2.06	8 01
	4224 =	4×4×4	# 4x	3×2>	the alt	
		6 x 4 x 4			"A U	



Ans: <u>A _ A _ 6</u>

End of Paper

Manuson Primary School

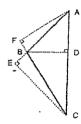


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Primary 5
Mathematics
Tarm 2 Weighted Accommon

Name:		_ () -	Marks:	
Class: Primary 5 ()			/20	
Date:	Paren	rs Sìgn	ature:		
Duration: 45 minutes					
The use of an approved calculator is allowed.					
Please sign and return the examination paper the next day. Any queries should be raised at the same time when returning paper.					

Questions 1 to 2 carry 2 marks each. Show your working clearly and write your pressurers in the spaces provided. For questions which require units, give your arrowers in the units stated. (4 marks)

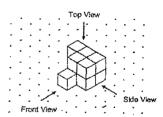
In the figure below, ABC is a triangle: FBC and EBA are straight lines. Name the height of triangle ABC given its base is AC.



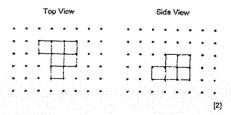
BD / DB Ans:

For questions 3 to 6, show your working clearly and write your answers in the spaces provided. The number of marks evellable is shown in brackets [] at the end of each question or part-question. (16 marks)

All stacked 11 unit cubes and glued them together to form the solid below.



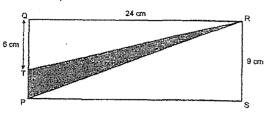
(a) Draw the top view and the side view of the solid on the grids below.

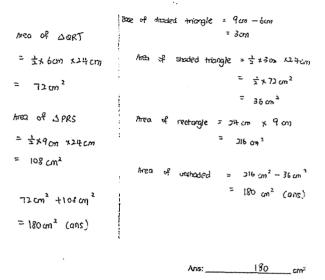


(b) Find the least number of unit cubes Ali can add to the solid to make it into a cuboid.

d. Smallest possible curved
$$\Rightarrow$$
 3 x 3 x 2 = 18 | 18 - 11 = 7 (ans) | Ans: (b) $\frac{7}{100}$

In the figure below, PQRS is a rectangle. T is a point on QP. QR = 24 cm, RS = 9 cm and QT = 6 cm. Find the total area of the unshaded parts.





- Siti and Jane each had an equal amount of flour at first. The same amount of flour was used to bake each cake. Siti baked 8 cakes and had 300 g of flour left. Jane baked 8 cakes and had 1.85 kg of flour left.
 - (a) How many <u>kilograms</u> of flour did they have left altogether after baking the cakes?
 - (b) How much flour did each of them have at first?

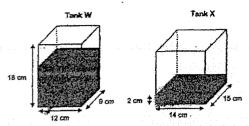
300
$$g = 0.3 \text{ kg}$$
 $0.3 + 1.45 = 1.95 \text{ (ans)}$
 $8-3=5$

5 cokes $\rightarrow (.65-0.3)$
 $= ...35$

1 cake $\rightarrow 1.35 = 5$
 $= 0.37$

3 cakes $\rightarrow 0.27 \times 3$
 $= 0.81$
 $0.81 + 1.65 = 2.46 \text{ kg (ans)}$

At first, Tank W was 3-filled with water and Tank X was filled with water to a height of 2 cm as shown below.



- (a) What was the volume of water in Tank X at first?
- (b) Rizal poured all the water from Tank W into Tank X. What was the volume of water in Tank X in the end?

Volume in Tank W
$$\rightarrow$$
 12 x 9 x 12 x 12 0 cm 5 (ans)

Height of water in tank W $\rightarrow \frac{3}{3}$ x 18 cm

12 cm

Volume in Tank W \rightarrow 12 x 9 x 12

12 9 6 or 12 9 6 or 12 6 cm 5 (ans)

The table below shows the prices of muffins at two shops. The muffins are only sold in sets of 6 muffins in Cassie's Bakery or 7 muffins in Daisy's Bakery.

Shop	Price of mulfins
Cassie's Bakery	6 muffins for \$15
Dalay's Bakery	7 muffins for \$17

- (a) Usha has \$8.15. She wants to buy 14 muffins from Daisy's Bakery. How much more money does she need to buy the 14 muffins?
- (b) Zhong Han has \$97. He wants to buy the greatest possible number of muttins with his money from one of the two shops. What is the greatest possible number of muttins he can buy with his money?

<u>cossie</u>	Duisy		
\$97 ÷ \$15 = 6 R \$ 7	\$97 = \$17 = 5 R \$12		
6 16 = 36 (ant)	5 k7 = 35		

Ans:	(a)	<u>\$25.85</u> [2]	
	(b)		

End of Paper