## Nanyang Primary School Primary 5 Mathematics Term 1 Weighted Assessment

Name	:		(		)	Marks:			
Class	: Prim	ary 5 ( )				/20			
Date:	Date: Parent's Signature:								
Durat	ion: 4	5 minutes							
The u	se of	calculators is <u>NC</u>	T allowed.						
	_	n and return the ould be raised at							
each	questic choice	to 3 carry 1 marks on, four options are on (1, 2, 3 or 4) and w	given. One of th	em is	the cor	rect answer. Make			
				<del></del>					
1	What	is the value of 312	000 ÷ 400?						
	(1)	78							
	(2)	780	,						
	(3)	7800							
	(4)	78 000							
						( )			

- (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 repeated pattern is formed using numbers 3, 2, 1 and 0. The first 18 numbers are shown below.
,	3, 0, 2, 0, 1, 3, 0, 2, 0, 1, 3, 0, 2, 0, 1, 3, 0, 2,  1st 2nd 3rd 18th
	Find the sum of the first 44 numbers.
	(1) 55
	(2) 54
	(3) 53
	(4) 48
	(
Ques providus state	stions 6 to 8 carry 1 mark each. Write your answers in the spaces ded. For questions which require units, give your answers in the units d. (3 marks)
6	Write six million, twenty-seven thousand and nineteen in numerals.
	Ans:
7	8 children shared 5 pizzas equally for lunch. What fraction of a pizza did each child get?
	<u>.</u>
	Ans:
8	Express $3\frac{2}{5}$ as a decimal.
	Ans:

your a	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	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?					
	Ans:					
10	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?

\ns:	

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?



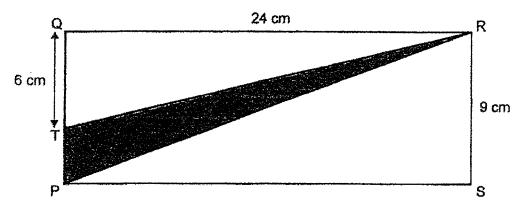
Ans:		,	***************************************	1	
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End of Paper

## Nanyang Primary School Primary 5 Mathematics Term 2 Weighted Assessment

Name:		_ (	)	Mark	s:	
Class: Primary 5 (	)				/20	
Date:	Parei	nt's Sig	nature:	e region.	· · · · · · · · · · · · · · · · · · ·	
Duration: 45 minutes						
The use of an approve	d calculator is	allowed	ł.			
Please sign and retun queries should be raise	n the examina ed at the same	tion pa time w	per the hen retu	next urning	day. Any paper.	,
Questions 1 to 2 carry 2 n answers in the spaces pr answers in the units state	ovided. For ques	v your wo	orking cle nich requ	arly an Ire unit	d write you s, give you (4 marks	ir
1 In the figure below Name the height of	, ABC is a triangl triangle ABC giv	e. FBC en its ba	and EBA se is AC.	are sti	aight lines	5.
	F B	A				
		Ans	S:			, <i>•</i>

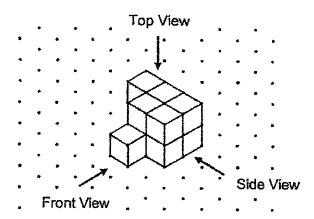
In the figure below, PQRS is a rectangle. T is a point on QP. QR = 24 cm, RS = 9 cm and QT = 6 cm. Find the total area of the unshaded parts.



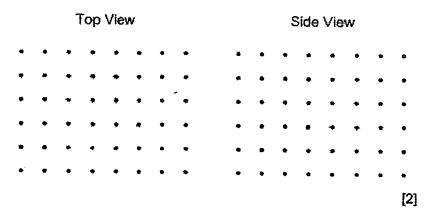
Ans: \_\_\_\_\_ cm<sup>2</sup>

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.

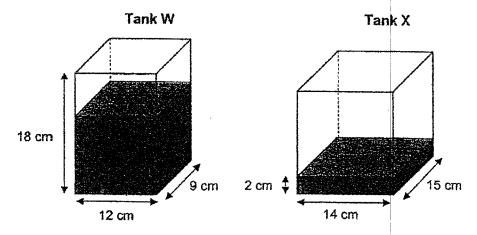
Ans: (b) \_\_\_\_\_ [1]

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?

Ans:	(a)				
	(b)		[3]		

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?

Ans: (a) [1	]
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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		
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?

Ans:	(a)	 [2]
	(b)	[3]

## Nanyang Primary School Primary 5 Mathematics Term 1 Weighted Assessmen

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- C 22-C		MANUFACTURE		io samo :			urrung paper.
Appr	h quest	ion, four optio	na ano oh	ann. One t	र्ज ग्रीमकारा है	s the co	/ 2 marks each, For rect answer, Make ) in the bracket ( )
							(7 marks)
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	(2)	780		3120 4 1	7 =		
	(3) (4)	7800 78 000					
	(4)	78 000					( 2 )
					4 /2120		, , ,
					33		
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				,			
							•
5	A rec	ested pattern ors are show	i lis forme ri bolow.	d using n	micers :	3, 2, 1 a	ind 0. The first 18
	3.	0, 2, 0, 1,	3, 0,	2, 0, 1,	3, 0,	2, 0,	1, 3, 0, 2,
		one sum of the		numbers.			,,
	(1)	\$5		3+	0+2+	o+1 :	= <b>,</b>
	(2)	54			5=21		
	(3)	53			P = 43		
	(4)	48		41	4 3+ 0	-140	
							( 3 )
Ques provi state	tions 6 ded. Fo	to 8 carry or questions i	t mark : which rec	sech. Wr puire units	ile your give y	- OLF ROS	rs in the species wers in the units (3 merics)
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7	8 child	fron shared 5 child get?	pizzns ec	justly for a	unch. W	hat frac	tion of a pizze did
			5 ÷ 8	- <u>\$</u>			
				u		8	<u> </u>
		<del></del>	****		Ans:	8	
8	Expre	25 3 <del>2</del> es a de	icimat.				
		3 <del>द</del> े	= 3 <del>1</del>				
			= 3.4		Amer		<b>₹</b> ~# <del>*</del>

Wh	at is the v	alue of 16 + (3)	9-7)+4:	× 27			
(1)	20		6 + 3 <u>2 + 4</u>				
(2)			11. + 2 x2				
(3)	32		* * + #				
(4)	48		: 32				
				•	{	3	)
Wha	et is the va	alus of $\frac{2}{7} = \frac{9}{5}$ ?					
(1)	11 35		<del>-</del> ,	( <del>4</del> = <del>1</del>	<u>.</u>		
(2)	18 35		,	, ,	•		
(3)	53 35						
(4)	73 35						
					1	)	,
					•		•
frien	ne hed 16 d received d receive/	S stamps. Sh izn equal num	e gave 2/3 o ber of star	of her stem reps. How :	ps to 7 filen	ds. s did	Eech each
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(2)	16		n;	2 + 7 = 1	ţ		
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(4)	112			重	<i>(</i> :	2	)
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				Ans:13	<u> </u>		
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		\$357 X4	= <del>1</del> 1428		235?	6,	1320
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			,	ina: \$ _238	?		
د درو <u>ت</u>	ha						
_		number in the	5 00%.				
	5 = 3 × 7	<u>'</u>					
# x # 1		0 3o≠3:	± 10 (ans.)	)			
- <del>-</del> + x	Ť						
- 30							

Ans: 10

= .30 (am)

12 Priohe had some stickers at first. Site gave sway \$\frac{1}{5}\$ of her stickers and bought another 372 stickers. In the ond, she was left with \$12 xickers. How many stickers did Priabs give sway?

$$q_{13} = 372 = 540 \rightarrow \frac{4}{5} = \frac{372}{540}$$
 $546 = 4 = 135 \rightarrow \frac{1}{5}$ 
 $(60)$ 
 $\frac{13}{14}$ 

Ans:	35
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13 Poter had a sto-elded die. Each side had a number from 1 to 8. He rolled the die stree times. Each time, he recorded the number he obtained. The product of the times numbers he obtained was 96. What were the times numbers he obtained?

Rolled the die	<u> </u>	24
3 times -> numbers	1496	4/3
con to	2243 - 25842	<del>1.</del>
Peared	3×32 = 3×4×8	
•	4x34 = 4x4x1	# 4x3x4
	6x 16 > 6x 4x 4	77 U.C



Are: 4 4 6

End of Paper

## Hanyang Primary School Primary 5



	Term 2 Weighted Assessment	
<b>18</b> *		Marks:

Nam /20 Class: Primary 5 ( Parent's Signature: Date: \_\_\_

Duration: 45 minutes

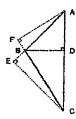
The use of an approved calculator is allowed.

Please sign and return the examination paper the next day. Any queries should be raised at the same time when returning paper.

Cluestions 1 to 2 carry 2 marks each. Show your working clearly and write your answers in the spaces provided. For questions which require units, give your arrowers in the units stated.

(4 marks)

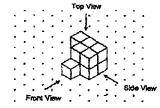
In the figure below, ABC is a brangle, FBC and EBA are straight lines. Name the height of brangle ABC given its base is AC.



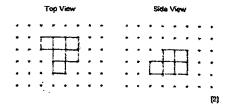
BD / DB

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 eard of each question or part-question. (16 marks)

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



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



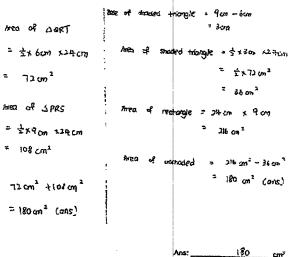
(b) Find the least number of unit cubes All can add to the solid to make

smakest possible cusoid -> 3×3×2

18-11=7 Cans;

Ans: (b) - management of the second contract In the figure below, PORS 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 unsheded parts,





Sit and Jane each had an equal amount of four at tirst. The same amount of four was used to bake each cake. Sit beked 8 cakes and hed 300 g of flour left. Jane baked 3 cokes and had 1.85 kg of flour left.

2

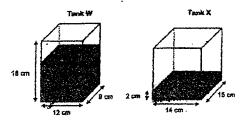
- (a) How many kilograms of flour belding the calea?
- (b) How much flour did each of them have at lite??

300 g = 0.3 kg  
0.3 + 1.65 = 1.95 (org)  
8-3 = 5  
5 (ates 
$$\rightarrow$$
 1.65 - 0.3  
= 1.35 = 5  
1 case  $\rightarrow$  1.35 = 5  
= 0.27  
3 cates  $\rightarrow$  0.27 x3  
= 0.81  
0.81 + 1.65 : 2.46 kg (ans)

Ans: (a) 1.45 Kg (1) (b) 3.46 Kg [3]

Pag 3

5 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 weller in Tank X in the end?

Young of wints in % at first 
$$\rightarrow 2$$
 cm x44cm x15 cm  $= 420$  cm  $^3$  (ans.)

Height of water in tank 
$$\omega \rightarrow \frac{1}{3} \times 18 \text{ cm}$$

$$= 12 \text{ cm}$$
Volume in Tank  $\omega \rightarrow 12 \times 9 \times 12$ 

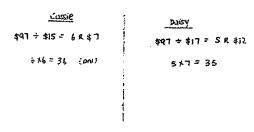
$$= 12 96$$

$$12 960 + 420 \omega^2 = 1716 \text{ cm}^3 \text{ (ans)}$$

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

Shop	Price of multime
Casele's Bakery	6 multips for \$15
Dalsy's Bakery	7 multins for \$17

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



Ans:	(a)	\$15.85 [2]
	(b)	<u>36</u> [3]

End of Paper