## Nanyang Primary School <br> Primary 5 . <br> Mathematics <br> Term 1 Weighted Assessment



Date: $\qquad$ Parent's Signature: $\qquad$
Duration: 45 minutes
The use of calculators is NOT 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 $\mathbf{3}$ 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 your choice ( $1,2,3$ or 4 ) and write your answer ( $1,2,3$ or 4 ) in the bracket ( ) provided.

1 What is the value of $312000 \div 400$ ?
(1) 78
(2) 780
(3) 7800
(4) 78000

2 What is the value of $16+(39-7) \div 4 \times 2$ ?
(1) 20
(2) 24
(3) 32
(4) 48
$3 \quad$ 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) $\frac{73}{35}$

4 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 pattem is formed using numbers $3,2,1$ and 0 . The first 18 numbers are shown below.

$3,0,2,0,1,3,0,2,0,1,3,0,2,0,1,3,0,2, \ldots$ $1^{\text {st }} 2^{\text {nd }} 3^{r d}$ $18^{\text {th }}$

Find the sum of the first 44 numbers.
(1) 55
(2) 54
(3) 53
(4) 48

Questions 6 to 8 carry 1 mark each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

6 Write six million, twenty-seven thousand and nineteen in numerals.

Ans: $\qquad$

78 children shared 5 pizzas equally for lunch. What fraction of a pizza did each child get?

Ans: $\qquad$
$8 \quad$ Express $3 \frac{2}{5}$ as a decimal.

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.

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: $\qquad$

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: $\$$ $\qquad$

11 Find the missing number in the box.
$\frac{6}{7} \times 35=3 \times ?$

Ans: $\qquad$

12 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: $\qquad$

13 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: $\qquad$ , $\qquad$
$\qquad$

# Nanyang Primary School <br> Primary 5 <br> Mathematics <br> Term 2 Weighted Assessment 

Name: $\qquad$ ( )

Class: Primary 5 ( )
Date: $\qquad$ Parent's Signature: $\qquad$
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 answers in the spaces provided. For questions which require units, give your answers in the units stated.

1 In the figure below, $A B C$ is a triangle. $F B C$ and $E B A$ are straight lines. Name the height of triangle $A B C$ given its base is $A C$.


Ans: $\qquad$ $!$

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

$\qquad$

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.

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.

Top View Side View

[2]
(b) Find the least number of unit cubes Ali can add to the solid to make it into a cuboid.

Ans: (b)

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 ṣown 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)
(b)

6 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?
(b)

Nanyang Primary School
Primary ${ }^{5}$
mathamatics
Torm 1 Wolghted Assasamont
Date: $\qquad$ Parents Signature $\qquad$

Duration: 45 minutes
The use of calculators is not allowed.
Please sfon and setum the examination paper the next day. Any quenes should be raised at the same timo when returning paper.

Questons 1 to 3 cary 1 mance each. Questons 4 os $\$$ cary 2 marke eakit. Fo
 your choce ( $4,2,3$ or 4 ) and withe yolif answer $(1,2,3$ or 4 ) in the bracket () prowted.

1. What is the value of $312000+4007$
(1) 78
(2) 780
$3120 \div 4=780$
(3) 7800
(4) 78000

$$
\begin{aligned}
& \frac{780}{4 \sqrt{3180}} \\
& \frac{.88}{32} \\
& \frac{-37}{2}
\end{aligned}
$$

5 A repoatad pattem is tomod using rumbers 3, 2, 1and 0 . The first 18 numbers atto shown wow.
$\frac{(3,0,2,0,3 .)}{14,2,2,0,1,3,0,2,0,1,3,0,2, \ldots}$
Find the sum of the fres 44 nombers.

| (1) 55 | $3+0+2+0+1=0$ |
| :--- | :--- |
| (2) 54 | $40 \div 5=8 \times 4$ |
| (3) 53 | $6+4=4 j$ |
| (4) 49 | $48+5+642+0=53$ |

13 )

Questrons to 8 cary 1 mark anch. writo your answerg in tha eqacos provited. For questions which ropuire units, owe your answers in the units stated.
(3 maxk)
6 Write six mivion, twenty-seven housam and nineteen in numerals.

Ans: 6001019

78 thildron sharad 5 pizzes equally for lunch. What fraction of a piza dad gach chil got?

$$
548=\frac{5}{3}
$$

## Ans:

 $\frac{5}{8}$- Express $3 \frac{2}{5}$ a3 a decimal.

$$
\begin{aligned}
3 \frac{2}{5} & =3 \frac{4}{10} \\
& =3 \cdot \frac{4}{4}
\end{aligned}
$$

$\qquad$
$\operatorname{Pag} 1$

2 What is the vahe of $18+(39-7)+4 \times 2$ ?

| (1) 20 | $8+33+4 \times 2$ |
| :--- | :--- |
| (2) 24 | $=16+9 \times 3$ |
| (3) 32 | $=16+4$ |
| (4) 58 | $=32$ |

3 What is the value of $\frac{2}{7} \times \frac{9}{5}$ ?
(1) $\frac{11}{35}$
$\frac{2}{7} \times \frac{9}{5}=\frac{13}{39}$
(2) $\frac{18}{35}$
(3) $\frac{53}{35}$
(4) $\frac{73}{35}$

4 Doma hod 183 stamps. She gavo $\frac{2}{3}$ of her stampe to 7 fiends. Each frend recolvod an noual number of stamps. How many stamps dhe each friond recolve?
(1) 8
( l$) 10$
(3) 24
(4) 112
$\frac{8}{4} \times \frac{3}{3}=112$ $112 \div 7=11$


Otestions 9 to 13 carry 2 manks aach. Show your working clearty and write your answere in the spaccas provided. For quastions which require units, give your answers in the units stated.

9 Hui En bakes 420 cookias aach day. Sha packs them into tins of 30 cookjes. How many tins of cookles will sha hava in 9 days?

$$
\begin{aligned}
& 400: 30=14 \\
& 14 \times 9=124(\mathrm{an})
\end{aligned}
$$

$$
\frac{36}{36}
$$

$$
\text { Ans: } \quad 12
$$

10 On kormay, Mr vuscr bought 4 tables. Each tabla cost $\$ 357$. On Tuowdyy, he bought 6 dontical chairs. Tha $A$ chairs cost as much as the 4 tables. How much did nach chair cosr?

$$
\$ 351 \times \frac{4}{8}=\frac{10}{128}
$$

$$
\begin{array}{ll}
\$ 551 \times 4 & \frac{2}{4} \\
514.28 \div 6=5738 & \frac{2}{1428}
\end{array}
$$

## Ans: 5 338

11 Find the missing number in the box.
$\frac{8}{7} \times 35-3 \times \underbrace{?}_{30}$
$\frac{6}{7} \times \frac{15}{1}$
$30 \div 3=10(0 n)$
$=\frac{5}{7} \times \frac{5}{7}$
$=\frac{30}{1}$
$=30 \tan 5 \quad$ Ans: 10

 How many wickery did Publato oway?

$$
\begin{aligned}
& 91 x-372=540 \rightarrow \frac{4}{5} \\
& \text { ** } x^{20} \\
& 5 A 0 \div 4=135 \rightarrow \frac{1}{5} \\
& \text { (an) } \\
& \begin{array}{r}
* \\
40 \\
-373 \\
\hline 540
\end{array} \\
& \frac{4 \frac{135}{470}}{\frac{4}{17}} \frac{11}{20}
\end{aligned}
$$



 Theor murnibers le ctakiond?

Rolnt the de
times $\rightarrow$ number
cos

$\frac{5}{1 \times 96}$
$2 \times 43=2 \times 5 \times 5$ $3 \times 32=3 \times 4$
 $6 \times 16=3 \times 4 \times 4$

Anv 4 C 4

Enc of Puper

Pag 2



Duration: 45 minutes
The use of an approved calculator is allowed.
Please sign and retum the examination paper the next day. Any quenjes should be raised at the same bime when returning paper.

Guestions 1 to 2 carry 2 manks each. Show your working clearly and whte ysur znowers in the spaces providod. For quastions which rective units, give your browers in the thits stated
in the foum below, ABC is a triangio: FPC and EnA are straight thes Nome the herght of triangia ABC given ths base is AC


Ans: $\qquad$

For quostions 3 to 9 , show your wonking cheariy and wibd your answers in the spaces providad. The number of marka sverable is shom in trackats I I at the end of each question or par-question,

3 Ali stacked 11 unit cubes and gluad them togather to fom the solki below.

(a) Draw tha top wow and tha :ida view of the sonision the giks beiow

(b) Find tire least number of unt cubes Ai can asd to the sold to maks itimo a cuboid.

$$
\begin{aligned}
& \text { sraqest possible unod }-3 \times 3 \times 2 \\
& =8 \\
& 18-1=76 \\
& \text { Ans: (3) }
\end{aligned}
$$

2 In the figure betow, PORS is a ractangle. $T$ is a point on QP $O R=24 \mathrm{~cm}$. $\mathrm{AS}=9 \mathrm{~cm} \mathrm{cnd} \mathrm{OT}=6 \mathrm{~cm}$. Find the total area of the $\mathrm{OR}=24 \mathrm{~cm}$.


$\qquad$ cm

## ,

4 Sh and Jans esch had an equal amount of flour at erst. The same amourt of four was used to bake each eake. Siti beked 8 crikes and he

(a) How many kiborame of hour did they have lat atogether aftor baking the calkes?
(b) How much flour did each of them have at first?

$$
\begin{aligned}
& 300 g=0.3 \mathrm{~kg} \\
& 0.3+1.65=1.45 \text { (mon) } \\
& 5-3=5 \\
& 5 \text { cokes } \rightarrow 1.65-0.3 \\
&=1.35 \\
& 1 \text { cake } \rightarrow 1.35 \div 5 \\
&=0.57 \\
& 3 \text { cakes } \rightarrow 0.27 \times 3 \\
&=0.81 \\
& 0.8+1.65
\end{aligned}
$$

$$
\begin{aligned}
& \text { Ans: (a) } \frac{35 k q}{\text { (b) } 7.46 \mathrm{~g} \text { (1) }} \\
& \text { (b) } 7.46 \mathrm{~g} \text { ( } 12
\end{aligned}
$$

 to a heigh of 2 em as stown beani.

(a) What was the volume of wer in Tonk $X$ at frse?
(b) Rizal pourod dil the wator from Tanix wirko Tadi X What wat the


6. The bolow strows the pricee of muthe witw shops. The thutins
 are chty

(a) Usha has 88.15 . She wants to buy 14 moftren from Daisy's Hakory How much rnore money sces shay noed bo bley the 14 mufrina?
(b) Zheng Han has \$97. He wants to buythe greutesi posesiota number of muifins with his monery hrem one of the two shops. What ta the grostest passifo number of muntor he cin bry whit his momey?

| - $\quad \therefore \quad \therefore$ 1 | $14 \div 7=2$ |
| :---: | :---: |
|  | $\sin x 2=534$ |
|  | \$34-58.15 725.85 ans) |
| caste | nuisy |
| \$97-315 2067 |  |
| $6 \times 6=36$ tont | $5 \times 7=35$ |
|  | , |
|  | 1 |
|  | 1 |
|  |  |

Ans: (a) $\quad 12$
$\qquad$

## End of Papor

* 

