Test: $\quad$ Primary 5 Maths (Term 2) - MGS
Points: $\quad 51$ points
Name:
Score: $\qquad$

## Date:

Signature: $\qquad$

Select multiple choice answers with a cross or tick:
Only select one answerCan select multiple answers

## Question 1 of 51

The value of the digit 6 in 8697025 is $\qquad$A) $6 \times 100$B) $60 \times 100$C) $60 \times 1000$D) $600 \times 1000$

## Question 2 of 51

Find the value of $24+(6+2 \times 3)+9 \times(4+5)$A) 83B) 91C) 99D) 181

## Question 3 of 51

Round 541703 to the nearest thousand.A) 540000B) 541000C) 541700D) 542000

$$
\square-\frac{2}{5}-\frac{1}{51}
$$

(

$$
\frac{14}{15}
$$

B)

$$
1 \frac{1}{2}
$$

C)

## $1 \frac{5}{8}$

D)$2 \frac{4}{15}$

## Question 5 of 51

Mary had 2 m of ribbon. She used all of it to tie 3 similar presents. How much ribbon did she use to tie each present?
A)

$$
\frac{1}{6} m
$$

B)
$\frac{1}{3} m$C)

## $\frac{2}{3} m$

D)$1 \frac{1}{2} m$

Mr Ahmad bought some minced beef. He used $\frac{1}{3}$ of it to make some beef balls and $\frac{1}{4}$ of the remainder to make some beef patties. What fraction of the beef was Mr Ahmad left with?
A)

## $\frac{3}{4}$

B)

$$
\frac{1}{2}
$$

C)

$$
\frac{5}{12}
$$

D)


## Question 7 of 51

Jiemei bought 150 beads. 78 beads were yellow and the rest were green. What fraction of the beads she bought was green?A)

B)


25C) $\frac{18}{25}$D)


Find the value $7 \frac{1}{4}-5 \frac{5}{6}$.
A)
$1 \frac{5}{12}$
B)
$2 \frac{5}{12}$
C)
$2 \frac{7}{12}$
D)
$13 \frac{1}{12}$

## Which one of the following is not equal to $\frac{7}{9}$ ?

A) $7 \div 9$
B)

$$
\frac{1}{9} \times 7
$$

C)

$$
1-\frac{3}{9}
$$

D)

$$
\frac{4}{9}+\frac{1}{3}
$$

## Question 10 of 51

## $: 12=12: 9$

What is the missing number?A) 16B) 15C) 3D) 9

## Question 11 of 51

The ratio of the number of girls to the number of boys at a camp is $5: 8$. There are 102 more boys than girls. How many boys are there?A) 94B) 170C) 272D) 442

A rope of length 72 cm was cut into three pieces. The first piece was three times as long as the second piece. The second piece was twice as long as the third piece. How long was the second piece?A) 12 cmB) 16 cmC) 18 cmD) 24 cm

## Question 13 of 51

Primary 5 Maths (Term 2)

Three boys, Aaron, Bob, Chris, shared a sum of $\$ 1370$ in the ratio if $1: 3:^{\wedge}$ respectively. How much more did Chris receive than Bob?A) $\$ 137$B) $\$ 274$C) $\$ 411$D) $\$ 685$

## Question 14 of 51

Mary gave $\frac{1}{3}$ of her stickers to her sister and $\frac{5}{12}$ of the remainder to herbrother. Mary then had 35 stickers left. How many stickers did Mary. have at first?A) 30B) 60C) 90D) 140

## Find the area of the shaded triangle below.

A) 24B) 36C) 40D) 48

## Question 16 of 51

Write eight million, eleven thousand and forty in figures
$\qquad$ $=64 \times 10$

In the number line shown below, the length of $A B$ is twice of $B C \ldots$
$A$ represents $\frac{1}{2}$ and $C$ represents $\frac{7}{8}$. What fraction is represented at $B$ ? Give your answer in the simplest form.


Mrs Koh bought 13 kg of meat for a barbeque. She used $9 \frac{2}{3} \mathrm{~kg}$ of it. How much meat had she left?

The solid below is made up of $1-\mathrm{cm}$ cubes. Find the volume of the solid.


There were 1500 spectators at a softball match. $\frac{1}{3}$ of them were men, $\frac{1}{5}$ were women and the rest were children. $\frac{3}{7}$ of the children were girls and the rest were boys. How many boys were at the match?

The figure below is made up of triangles.


The statement below is either true, false or not possible to tell from the information given. Put a tick $(\checkmark)$ in the correct column.
a) The line QW can be the height of both triangle QRW and triangle $P Q R$A) TrueB) FalseC) Not possible to tell

## Question 23 of 51

b) The b are of triangle PQW is PQ . It height is UW .A) TrueB) FalseC) Not possible to tell

Express $4 \frac{11}{12}$ as a decimal. Give your answer correct to 2 decimal places.

John's home is 6 km away from the library. He jogged $\frac{2}{3}$ of the distance and walked the rest of the distance. What was the distance that he walked?

# Mr Wong bought $3 \frac{1}{2} \mathrm{~kg}$ of chicken. He used $2 \frac{2}{3} \mathrm{~kg}$ of it to cook some curry. He gave $\frac{4}{7}$ of the remainder to Mrs Lim. How much chicken had he left in the end? 

## Question 27 of 51

The ratio of the amount of money Jane had to the amount of money Kathy had was 5:3. Jane had $\$ 300$ more than Kathy. How much money did they have altogether?

The ratio of the sides of a triangle is $3: 2: 4$. The length go the longest side is 12 cm . What is the length of the shortest side of the triangle?

There is a total of 82 apples and oranges in a box. There are 14 more oranges than apples. What is the ratio of the number of oranges to the number of apples? Express your answer in its simplest form

Luke wants to make a solid consisting of 64 cubes. After forming the solid below, he ran out of cubes. How many more cubes does he need to complete his task?
$=$


Arief went to the bank to exchange $\$ 295$ for some $\$ 2$ and $\$ 5$ notes. He has 3 more $\$ 5$ notes than $\$ 2$ notes, How many $\$ 2$ notes did he receive?

## Danny bought $4 \frac{4}{5} \mathrm{~kg}$ of prawns at $\$ 6$ per kilogram and $3 \frac{1}{5} \mathrm{~kg}$ of squid at

 $\$ 5$ per kilogram. How much did he pay altogether?
## Question 33 of 51

A shopkeeper sold an equal number of caps and shirts for $\$ 312$. A cap cost $\$ 17$. It was $\$ 5$ cheaper than a shirt. How many shirts did he sell?

## Question 34 of 51

There was an equal number of guppies and swordtails in an aquarium. After selling 581 guppies and 205 swordtails, there were 5 times as many swordtails as guppies left. How many guppies were in the aquarium at first?

Find the area of the shaded figure in the diagram shown below.


ABC is a right-angled triangle. $D C$ is 22 cm .
Find the shaded area.

$=$

Pears were sold in packets of 12 and each packet cost $\$ 7$. William had $\$ 240$. How many pears could he buy at most.

## Question 38 of 51

At first, Lily had $\$ 1144$ and Diana had $\$ 526$. After they each spent an equal amount of money, Lily had 4 times as much money as Diana. How much did each girl spend?

## Sharon baked some muffins. She gave $\frac{2}{5}$ of it to her sister and $\frac{2}{5}$ of the remainder to her neighbour. She had 45 muffins left. How many muffins did she bake at first?

## $A B C D$ is a rectangle. $A B$ is 42 cm and $B C$ is 17 cm . The ratio of the length of $D E$ to the length of $E C$ is $2: 1$. What is the area of triangle DBE?



## Question 41 of 51

Primary 5 Maths (Term 2)
1 pt

A skirt cost 5 times as much as a blouse. Maries paid a total of $\$ 132$ for 2 identical skirts and 1 blouse. Find the cost of one skirt.

## Question 42 of 51

There were 225 more packets of sugar in store A then in store B. After 33 packets of sugar were transferred from store $B$ to store $A$, there were 4 times as many packets of sugar in store $A$ as in store $B$. How many packets of sugar were there in store $A$ at first?

Mr Lim drove from Town A to Town C. After driving $\frac{3}{8}$ of the distance, he stopped for lunch. After lunch, he drove for another 42 km before stopping at Town B to buy a drink. He then had $\frac{1}{3}$ of the distance left. What was the distance between Town $A$ and Town C?

Sheila bought a piece of cloth measuring 1 m by 1 m . She cut out a rectangle measuring $\frac{3}{5} \mathrm{~m}$ by $\frac{1}{2} \mathrm{~m}$ as shown below.

(a) What was the area of the cloth left?
b) What was the perimeter of the remaining cloth?

Ali is three times as old as his son. He is 24 Yeats older than his son. How many years ago was Ali four times as old as his son?

## Question 47 of 51

A teacher has a bag of marbles to distribute equally to his pupils. If each pupils get 10 marbles, the teacher has 34 marbles left.
If each pupil get 12 marbles, the teacher is short os 48 marbles.
a) How many pupils are there?

## Question 48 of 51

b) How many marbles does the teacher have in the bag?

> Peter, James, Mark and Ali shared the cost of a present. Peter paid $\frac{3}{8}$ of the cost and James paid $\frac{1}{4}$ of the cost. Mark paid $\frac{1}{3}$ of the remaining cost and Ali paid the rest.
(a) What fraction of the cost of the present did Mark pay?
b) Peter paid $\$ 17$ more than Ali. What was the cost of the present?

Sasha and Melissa had a total of $\$ 360$. Sasha gave $\frac{1}{6}$ of her amount to Melissa. Melissa then gave $\frac{3}{7}$ of her amount to Sasha.
Both of them then had the same amount of money in the end. How much did each girl have at first?

