# RULANG PRIMARY SCHOOL

Nurturing Competencies, Inspiring Excellence, Empowering Individuals
Scholars of Tomorrow

*Established since 1930*

Name : _____ (  )

Level : Primary Two

Class : Primary 2 _____

Date : 30 October 2015

Setter : Mrs Quek Wen Qi

## SEMESTRAL ASSESSMENT 2
## 2015
## MATHEMATICS

## PAPER 1

60

TOTAL TIME FOR PAPER 1: 1 hour 15 minutes
30 questions
60 marks

- **DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.**
- **READ ALL THE INSTRUCTIONS CAREFULLY.**
- **ANSWER ALL THE QUESTIONS.**

Questions **1** to **20** carry 2 marks each. For each question, four options are given. One of these is the correct answer. Make your choice and write its number (1, 2, 3 or 4) in the bracket provided. **(40 marks)**

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1. The digit 8 in 821 stands for [ ? ].
What is the missing number in the box above?

(1) 8 (2) 80

(3) 800 (4) 821 ( )

2. 56 + 204 = [ ? ]
What is the missing number in the box above?

(1) 250 (2) 260

(3) 350 (4) 764 ( )

3. 640 – 232 = [ ? ]
What is the missing number in the box above?

(1) 408 (2) 412

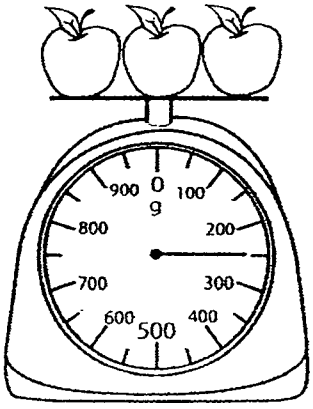
(3) 418 (4) 468 ( )

4. A pupil's desk is about [ ? ] long.
What is the missing number in the box above?

(1) 5 cm (2) 5 m

(3) 50 cm (4) 50 m ( )

5. What is the mass of the apples shown in the picture below?




(1) 200 g (2) 225 g

(3) 250 g (4) 275 g ( )

6. $6 \times 2 =$ [ ? ]
What is the missing number in the box above?

(1) 8 (2) 10

(3) 12 (4) 14 ( )

7. $3 \times 5$ is [ ? ] more than 10.
What is the missing number in the box above?

(1) 5 (2) 8

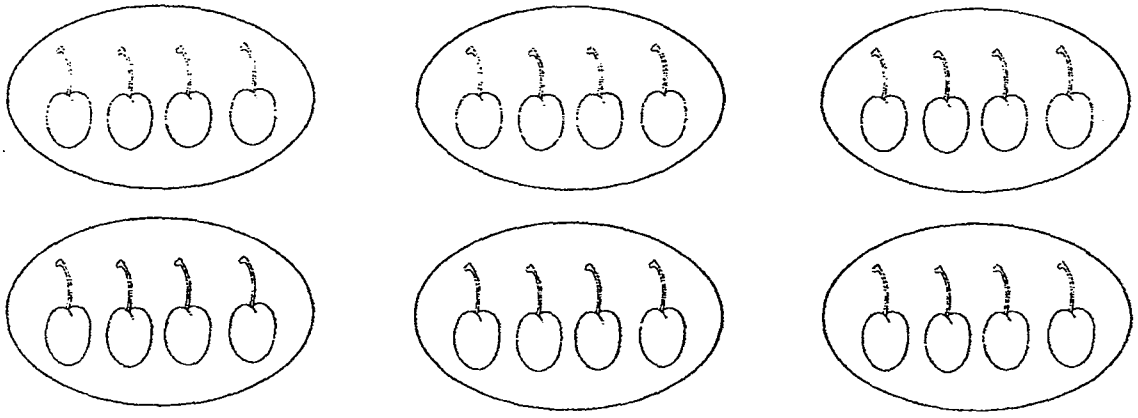
(3) 15 (4) 25 ( )

8. 9 groups of 3 = [ ? ]
What is the missing number in the box above?

(1) 12 (2) 21

(3) 24 (4) 27 ( )

9. Alice has some cherries as shown below. How many cherries are there altogether?



(1) 4 groups of 4 (2) 4 groups of 6

(3) 6 groups of 4 (4) 6 groups of 6 ( )

10. $50 \div 10 =$ [ ? ]
What is the missing number in the box above?

(1) 10 (2) 8

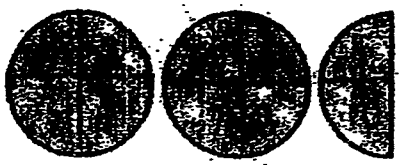
(3) 5 (4) 4 ( )

11. Which one of the following fractions is the greatest?

(1) $\frac{1}{12}$ (2) $\frac{1}{10}$

(3) $\frac{1}{6}$ (4) $\frac{1}{4}$ (  )

12. Study the figures below carefully.



How many quarter circles can be formed in the figures above?

(1) 12 (2) 10

(3) 3 (4) 9 (  )

13. The picture graph below shows the number of muffins baked by Mrs Lim.

| | |
|---|---|
| Banana muffins |  |
| Chocolate muffins |  |
| Blueberry muffins |  |
|  represents 1 muffin | |

If Mrs Lim sold all the muffins at 4 for $2, how much would she get?

(1) $10 (2) $20

(3) $40 (4) $80 (  )

14. Mary has 28 blue and red stickers. She has 4 more blue stickers than red stickers. How many blue stickers does she have?

(1) 24 (2) 18

(3) 16 (4) 12 (  )

15. There are 4 red beads and 3 yellow beads in a jar. How many beads are there in 4 such jars?

(1) 7 (2) 12

(3) 16 (4) 28 (  )

16. John bought 29 mangoes. He ate 4 mangoes and placed the remaining mangoes equally on 5 plates. How many mangoes were there on each plate?

(1) 5 (2) 6

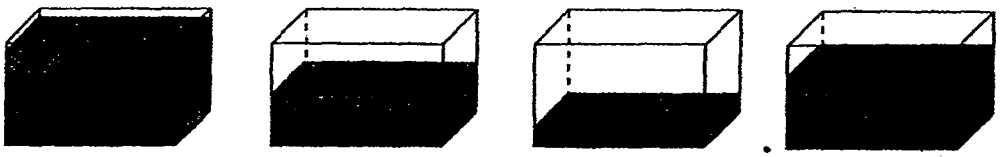
(3) 7 (4) 8 (  )

17. Belinda baked 8 trays of cookies. There were 5 cookies on each tray. If she shared the cookies with her three friends, how many cookies did each of them get?

(1) 10 (2) 8

(3) 6 (4) 4 (  )

18. The containers below are of the same size. Which container has the least volume of water?



A B C D

(1) A (2) B

(3) C (4) D ( )

19. Susan has $600. She has $309 more than Thomas. How much money does Thomas have?

(1) $291 (2) $309

(3) $391 (4) $909 ( )

20. Bala had 612 cards at first. He gave 345 cards away. How many cards had he left?

(1) 267 (2) 277

(3) 333 (4) 377 ( )

Questions **21** to **30** carry 2 marks each. Show your working clearly in the space below each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. **(20 marks)**

21. 6 fives = ? 
What is the missing number in the box above?

Ans: _____

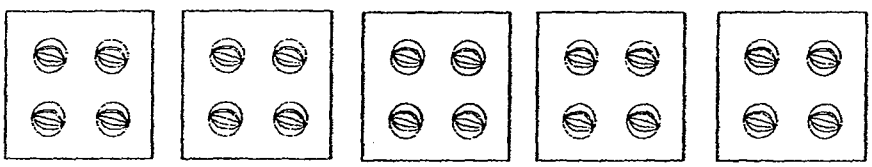
22. ? × 4 = 28
What is the missing number in the box above?

Ans: _____

23. 3 groups of 2 is ? .
What is the missing number in the box above?

Ans: _____

24. Write a multiplication equation for the pictures shown below.



Ans: _____

25. Which one of the following fractions is the smallest?

$\frac{1}{4}, \frac{1}{7}, \frac{1}{3}$

Ans: _____

26. $1 - \boxed{\ ?\ } = \frac{2}{5}$

What is the missing fraction in the box above?

Ans: _____

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27. $\frac{2}{7} + \frac{4}{7} = \boxed{\ ?\ }$

What is the missing fraction in the box above?

Ans: _____

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28. Aini is 120 cm tall. Betty is 108 cm tall. How much taller is Aini than Betty?

Ans: _____ cm

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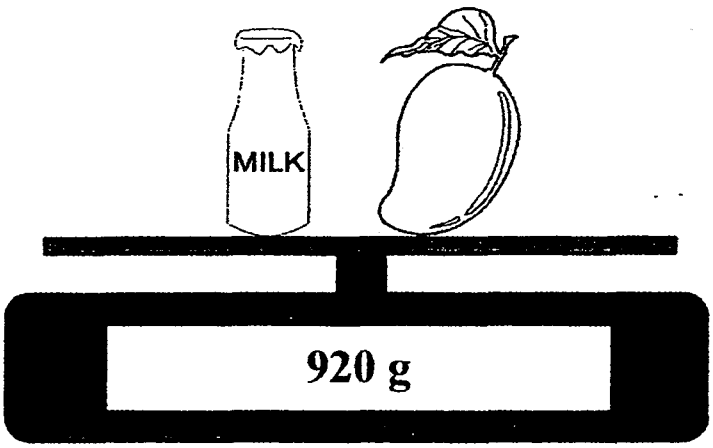
29.




The mass of the mango is 425 g. What is the mass of the bottle of milk?

Ans: _____ g

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30. 15 is the same as 3 groups of $\boxed{\ ?\ }$.

What is the missing number in the box above?

Ans: _____

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**End-of-Paper 1**

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Total Marks
Papers 1 & 2

100

## SEMESTRAL ASSESSMENT 2
## 2015
## MATHEMATICS

## PAPER 2

40

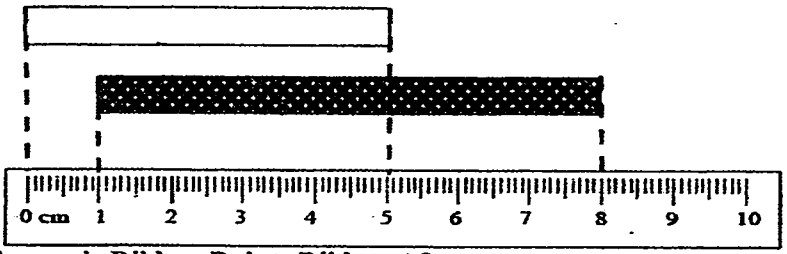
TOTAL TIME FOR PAPER 2: 1 hour 15 minutes
16 questions
40 marks

- **DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.**
- **READ ALL THE INSTRUCTIONS CAREFULLY.**
- **ANSWER ALL THE QUESTIONS.**

Questions **1** to **10** carry 2 marks each. Show your working clearly in the space below each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. **(20 marks)**

1. Ribbon A

   Ribbon B




How much longer is Ribbon B than Ribbon A?

Ans: _____ cm

2. Jim's mass is 54 kg. Mr Lim is 21 kg heavier than Jim. What is Mr Lim's mass?

Ans: _____ kg

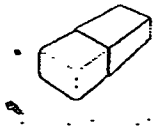
3. Mr Tan arranges 24 chairs in 4 equal rows in the school hall. How many chairs are there in each row?

Ans: _____

4. Each pen costs $2. How much do 7 such pens cost?

Ans: $ _____

5. Lukas paid 95¢ for two items below. Which two items did he pay for?

| Pen | Clip | Ruler | Eraser |
|---|---|---|---|
|  |  |  |  |
| 55¢ | 45¢ | 60¢ | 40¢ |

Ans: 1st item: _____

2nd item: _____

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6. Sally bought a dress and a pair of shoes for $67. The shoes cost $20. How much did the dress cost?

Ans: $ _____

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7. Solid A has 6 flat faces. The faces are made up of squares and rectangles. What is Solid A?

Ans: _____

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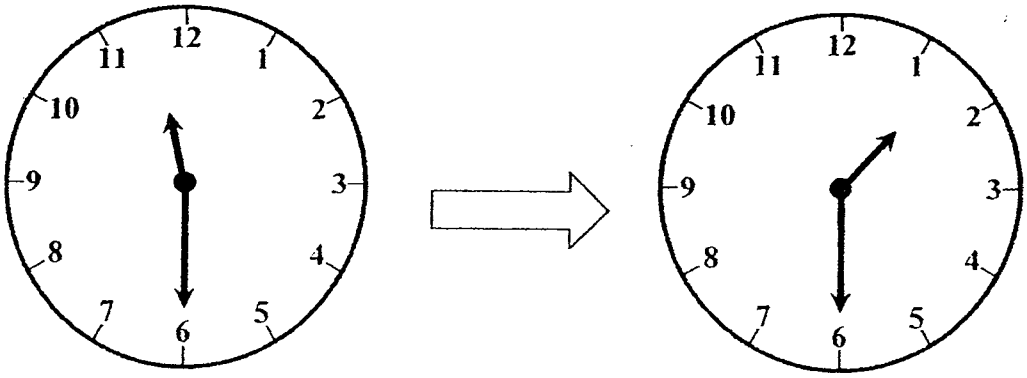
8. Candice's music lesson started at 11.30 a.m. and ended at 1.30 p.m. How long was her lesson?




Start End

Ans: _____ h

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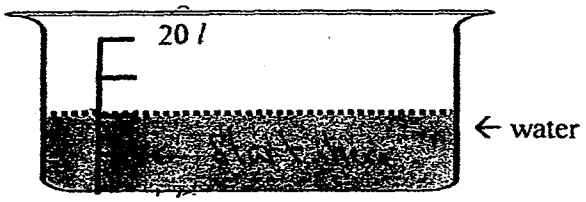
9. There is some water in the container below. It can hold up to 20 *l* of water. How many more litres of water can it hold?




Ans: _____ *l*

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10. The picture graph below shows the number of cards sold at a shop from Monday to Friday.

| Number of Cards Sold | |
|---|---|
| Monday | ◇ ◇ |
| Tuesday | ◇ |
| Wednesday | ◇ ◇ ◇ |
| Thursday | ◇ ◇ ◇ ◇ |
| Friday | ◇ ◇ ◇ ◇ ◇ |
| Each ◈ stands for 5 cards. | |

How many more cards were sold on Friday than on Monday?

Ans: _____

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Questions **11** to **14** carry 3 marks each. Questions **15** and **16** carry 4 marks each. Show your working clearly in the space provided for each question as marks will be awarded for relevant statements and correct answers. **(20 marks)**

11. Mr Tan bought 35 stickers. He gave them equally to 5 groups of pupils. How many stickers did each group of pupils receive?

12. 3 packets of potatoes have the same mass. Their total mass is 27 kg. What is the mass of each packet of potatoes?

13. A drink stall is selling 6 different types of drinks. Grace wants to buy 2 different types of drinks. How many possible ways can she choose from?

14. David wants to form 2-digit numbers such that the digit in the ones place is 4 more than the digit in the tens place. How many 2-digit numbers can he form?

15. Jack is queuing to buy his food at a stall. There are 2 people in front of him and 9 people behind him.
    a) Which position from the front of the queue is he in?
    b) How many people are there in the queue altogether?

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16. Melvin saved $38 on Monday. He saved $9 more on Monday than on Tuesday.
    a) How much did he save on Tuesday?
    b) How much did he save on both days?

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**End-of-Paper**

**EXAM PAPER 2015**
**LEVEL : PRIMARY 2**
**SCHOOL : RULANG PRIMARY SCHOOL**
**SUBJECT : MATHEMATICS**
**TERM : SA2**

| Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 | Q9 | Q10 |
|---|---|---|---|---|---|---|---|---|---|
| 3 | 2 | 1 | 3 | 3 | 3 | 1 | 4 | 3 | 3 |
| Q11 | Q12 | Q13 | Q14 | Q15 | Q16 | Q17 | Q18 | Q19 | Q20 |
| 4 | 2 | 1 | 3 | 4 | 1 | 1 | 3 | 1 | 1 |

Q21. 30 → 6x5=30

Q22. 7 → 28÷4=7

Q23. 6 → 3x2=6

Q24. 5x4=20

Q25. $\frac{1}{7}$

Q26. 3/5

Q27. $\frac{6}{7}$

Q28. 12cm

Q29. 495g

Q30. 5 → 15÷3=5

**Paper 2**
Q1. 2cm → 7cm-5cm=2cm

Q2. 75kg → 54kg+21kg+75kg

Q3. 6 → 24÷4=6

Q4. $14 → 7x$2=$14

Q5. 1st item: Pen, 2nd item: Eraser

Q6. $47 → $67-$20=$47

Q7. cuboid

Q8. 2h

Q9. 10L

Q10. 15 → 25-10=15

Q11. Each group of pupils received 7 stickers. → 35÷5=7

Q12. Each packet of potatoes weighs 9kg. → 27kg÷3=9kg

Q13. She has 15 ways.

Q14. He has 5 2-digit numbers that he could form.

Q15. a) He is in the 3rd position. → 2+1=3
b) There are 12 people altogether. → 9+2+1=12

Q16. a) He saved $29 on Tuesday. → $38-$9=$29
b) He saved $67 on both days. → $38+$29=$67

**THE END**