

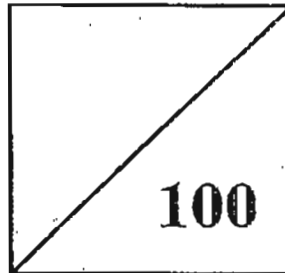
# **RULANG PRIMARY SCHOOL**

A Gallery of Scholars, A Vibrant Community of Wholesome Individuals

*Established since 1930*

Name : \_\_\_\_\_ ( )  
Level : Primary Two  
Class : Primary 2 \_\_\_\_\_  
Date : 31<sup>st</sup> October 2011

## **SEMESTRAL REVIEW 2 2011 MATHEMATICS**



**TOTAL TIME:** 1 hour 30 minutes  
46 questions  
100 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. Choose the correct answer and write its number (1, 2, 3 or 4) in the bracket provided. (40 marks)

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1. What is the value of 56 ones?

(1) 6

(2) 50

(3) 56

(4) 560

( )

2. The height of a desk is about \_\_\_\_\_.

(1) 5 cm

(2) 5 m

(3) 50 cm

(4) 50 m

( )

3. The mass of an apple is about \_\_\_\_\_.

(1) 15 kg

(2) 15 g

(3) 150 kg

(4) 150 g

( )

4.  $60 + 3 + 100 = \boxed{?}$

What is the missing number in the box above?

(1) 163

(2) 631

(3) 703

(4) 730

( )

5. 6 fours is the same as  $\boxed{?}$

What is the missing number in the box above?

(1) 64

(2) 46

(3)  $6 \times 4$

(4)  $6 + 4$

( )

6.  $\$8.45 = \boxed{?}$  cents

What is the missing number in the box above?

(1) 5

(2) 45

(3) 84

(4) 845

( )

7. What fraction of the diagram below is shaded?



(1)  $\frac{5}{8}$

(2)  $\frac{3}{8}$

(3)  $\frac{3}{5}$

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

( )

8. Henry had his lunch 30 min before 3 o'clock. What time did he have his lunch?

(1) 2.30 a.m.

(2) 2.30 p.m.

(3) 3.30 a.m.

(4) 3.30 p.m.

( )

9. Which of the following can contain the most amount of water?

(1) a vase

(2) a swimming pool

(3) a pail

(4) a drinking cup

( )

10. James has some pencils. He ties the pencils into bundles of 10. How many pencils does he have if he has 4 bundles?

(1) 410

(2) 40

(3) 14

(4) 4

( )

11. Tim gave  $\frac{2}{5}$  of a pizza to his brother and  $\frac{1}{5}$  of the same pizza to his sister. What fraction of the pizza did he give to his brother and sister?

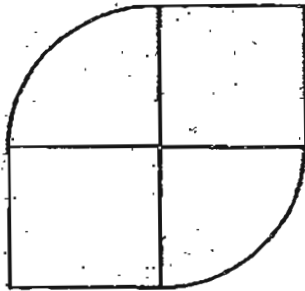
(1)  $\frac{1}{5}$

(2)  $\frac{2}{5}$

(3)  $\frac{3}{5}$

(4)  $\frac{4}{5}$

12. Look at the figure below. It is made up of \_\_\_\_\_



(1) 1 square and 1 quarter circle

(2) 2 squares and 2 quarter circles

(3) 4 squares

(4) 4 quarter circles

13. Alan is thinking of a number. If he adds 10 to the number and then subtracts 4 from the sum, the answer is 45. What is the number?

(1) 39

(2) 49

(3) 51

(4) 59

14.  $3 \times 4 = 2$  groups of ?

What is the missing number in the box above?

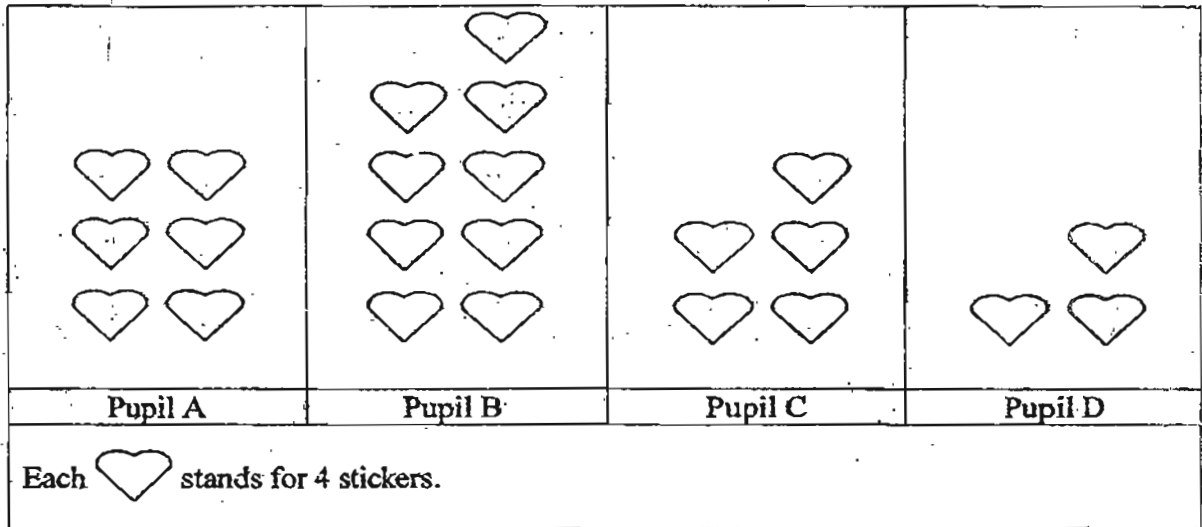
(1) 6

(2) 12

(3) 18

(4) 24

15. The graph below shows the number of stickers 4 pupils have.



Gina has 4 more stickers than Jenny. Which pupil could Gina be?

- (1) Pupil A    (2) Pupil B  
 (3) Pupil C    (4) Pupil D    (           )

16. There are 40 pupils in a class. 8 pupils are asked to form a group while the remaining pupils are asked to get into groups of 4. How many groups are formed altogether?

- (1) 7    (2) 8  
 (3) 9    (4) 10    (           )

17. Mr Teo has 10 boxes of fruits. If each box contains 3 apples, 4 oranges and 2 pears, how many apples and pears does he have?

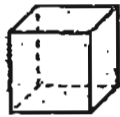
- (1) 5    (2) 9  
 (3) 50    (4) 90    (           )

18. Peter had four solids. He picked one of them and did an experiment on it. He recorded that the solid could slide on 5 faces. However, it could not roll.

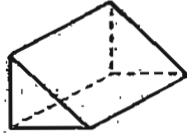
Which of the following solids did Peter pick?



Solid A



Solid B



Solid C



Solid D

(1) Solid A

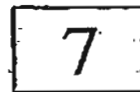
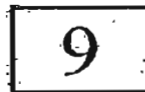
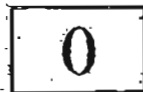
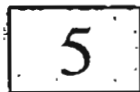
(2) Solid B

(3) Solid C

(4) Solid D

( )

19. Ken is given 4 number cards as shown below. He forms the smallest and the biggest 3-digit numbers using 3 of the cards. What is the difference between the biggest and the smallest numbers formed? (Each card can be used only once.)



(1) 396

(2) 463

(3) 468

(4) 918

( )

20. Gina is taller than Alicia. Carol is taller than Alicia but shorter than Emily. Emily is shorter than Gina. Who is the tallest?

(1) Alicia

(2) Carol

(3) Emily

(4) Gina

( )

Questions 21 to 40 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. **(40 marks)**

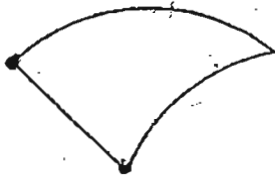
21.  $7 \times \boxed{?} = 21$

What is the missing number in the box above?






22.  $45 \div \boxed{?} = 9$

What is the missing number in the box above?

23. Look at the figure below. How many curved lines are there?




24. The graph below shows the types of animals found at a pet shop.

			
Dogs	Cats	Hamsters	Rabbits
Each  stands for 5 animals.			

How many animals are there at the pet shop?



25. Kelvin is 107 cm tall. He is 13 cm shorter than Ben. What is Ben's height?

cm

---

26. Suli weighs 37 kg. She weighs 6 kg more than Fiona. What is Fiona's mass?

kg

---

27. Benny had \$1. He bought 3 pencils. Each pencil cost 25¢. How much money had he left?

---

28. Dion started doing her homework at 9 o'clock in the morning. She finished her homework an hour later. Then she watched a cartoon programme which lasted 30 min. At what time did the cartoon programme end?

a.m.

---

29. Mr Li mixed 2 l of lemon syrup with 12 l of water to make lemonade. If 10 l of the lemonade were drunk, how much lemonade was left?

---

30. Terry is thinking of a 3-digit number. He can get the hundreds digit by adding the tens digit and the ones digit. The tens digit is 1 more than the ones digit. The ones digit is 3. What is the number that Terry is thinking of?

- 
31. Use the numbers given in the box below to form the biggest and the smallest three-digit numbers. (Each number can be used only once.)

4, 9, 2

Biggest Number:

Smallest Number:

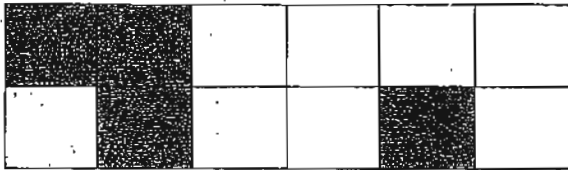
- 
32. Harold has \$215. Jim has \$45 more than Harold. How much money do they have altogether?

\$

- 
33. Jennifer has 112 stickers. Elizabeth has 32 fewer stickers than Jennifer. How many stickers do they have altogether?

34. Mrs Tan packs 40 cupcakes into boxes of 4 while Mrs Poon packs another 40 cupcakes into boxes of 5. How many more boxes does Mrs Tan pack than Mrs Poon?

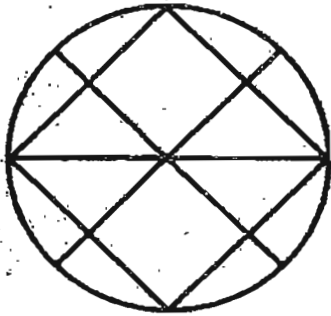
35. How many more squares in the figure below must be shaded to show  $\frac{7}{12}$ ?



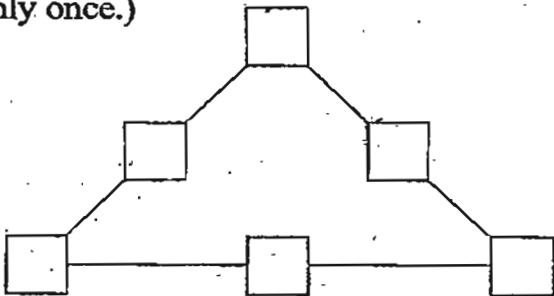
36. Sam is in a queue. There are 12 people in front of him and 23 people behind him. How many people are in the queue?

37. Mark has 4 balls of different colours: red, yellow, green and blue. If he wants to choose any two balls, in how many ways can he choose the two balls?

38. Look at the figure below. How many triangles are there altogether?




39. Put the numbers 1, 2, 3, 4, 5 and 6 in the boxes so that the total of the three numbers on each side of the triangle is the same. (Each number can be used only once.)



Study the diagrams below.

16	
2	
7	2

24	
3	
7	3

?	
4	
7	4

40	
5	
7	5

What is the missing number?

Questions 41 to 44 carry 3 marks each. Questions 45 and 46 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)

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41. Mrs Tan has some balloons in three different colours: red, yellow and orange. She has an equal number of yellow and orange balloons. There are 80 red balloons. There are 20 more red balloons than yellow balloons. How many balloons does she have altogether?

- 
42. Jamie, Kenny and Leonard have some money. Leonard and Jamie have the same amount of money. Kenny has \$68 less than Jamie. How much money do Jamie and Leonard have altogether if Kenny has \$32?
-

43. Huimin had 10 boxes of cupcakes at first. Each box contained 10 cupcakes. She bought another 25 cupcakes. How many cupcakes did she have altogether?

- 
44. Jessie bought 36 oranges. 6 oranges were rotten and thrown away. She then packed the remaining oranges into bags of 5. How many bags of oranges would she have?
-

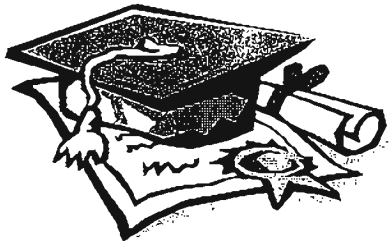
45. Farmer John has some chickens and goats in his farm. The animals have a total of 38 legs. If there are 2 more goats than chickens, how many goats are there?

46. David bought 2 drinks and a burger for \$8. A burger cost twice as much as a drink. How much would David need to pay for 4 drinks and 4 burgers?

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**End-of-Paper**



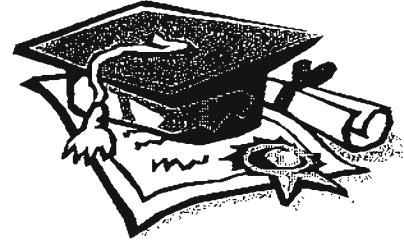


# ANSWER SHEET

**EXAM PAPER 2011**

**SCHOOL : RULANG  
SUBJECT : PRIMARY 2 MATHEMATICS**

**TERM : SA2**



Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16
3	3	4	1	3	4	1	2	2	2	3	2	1	1	1	3

17)3    18)3    19)3    20)4    21)3    22)5    23)2    24)50

25)120cm    26)31kg    27)25c    28)10.30a.m.    29)4    30)7.43

31)Big: 942, Smallest: 249    32)\$475    33)192    34)2    35)3

36)36    37)6    38)6    39)     40)32

41)  $80 - 20 = 60$

$$60 \times 2 = 120$$

$$120 + 80 = 200$$

She have 200 balloons altogether.

42)  $32 + 68 = 100$

$$100 \times 2 = 200$$

Jamie and Leonard have \$200 altogether.

43)  $10 \times 10 = 100$

$$100 + 25 = 125$$

She have 125 cupcakes.

44)  $36 - 6 = 30$

$$30 \div 5 = 6$$

She would have 6 bags.

45) There are 7 goats.

46)  $8 = 2 \times 4$

$$8 \div 2 = 4$$

$$4 - 2 = 2$$

$$4 \times 2 = 8$$

$$4 \times 4 = 16$$

$$16 + 8 = 24$$

David need to pay \$24.