



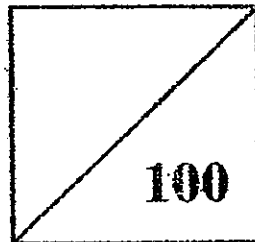
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# **RULANG PRIMARY SCHOOL**

A Gallery of Scholars, A Vibrant Community of Wholesome Individuals

Name : \_\_\_\_\_ (    )  
Level : Primary Two  
Class : Primary 2 \_\_\_\_\_  
Date : 30 October 2012  
Setter : Mdm Wahetha Begum

## **SEMESTRAL REVIEW 2 2012 MATHEMATICS**



TOTAL TIME: 1 hour 45 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 the digit 2 in 928?

(1)  $2 + 1$

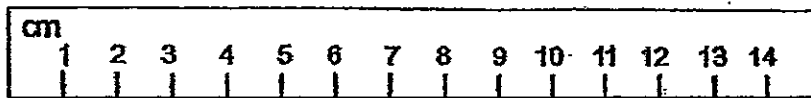
(2)  $2 \times 1$

(3)  $2 + 10$

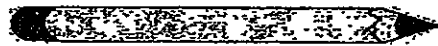
(4)  $2 \times 10$

(        )

2. Look at the picture below carefully.



ice-cream stick



pencil

The pencil is ? cm shorter than the ice-cream stick.  
What is the missing number in the box above?

(1) 8

(2) 20

(3) 3

(4) 4

(        )

3. What is the mass of the mango shown below?



100 g	100 g
100 g	100 g
100 g	100 g

(1) 100 g

(2) 200 g

(3) 500 g

(4) 600 g

(        )

4.  $259 + 311 = \boxed{?}$

What is the missing number in the box above?

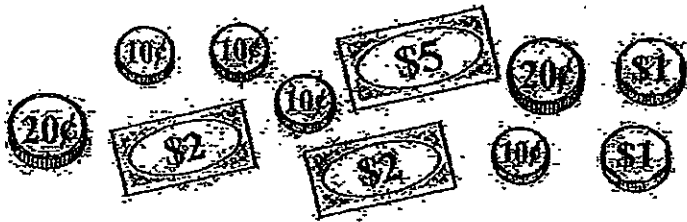
- (1) 560 (2) 568  
 (3) 570 (4) 670 ( )

5. 8 twos =  $\boxed{?}$

What is the missing number in the box above?

- (1)  $8 + 2$  (2)  $8 - 2$   
 (3)  $8 \times 2$  (4)  $8 \div 2$  ( )

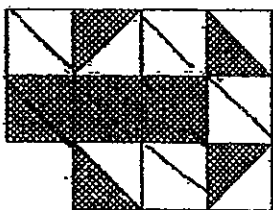
6. Aini's piggybank contained the amount of money shown below.



How much money was in her piggybank?

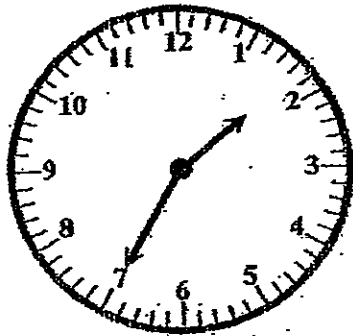
- (1) \$11.80 (2) \$11.20  
 (3) \$10.80 (4) \$9.82 ( )

7. What fraction of the figure below is shaded?



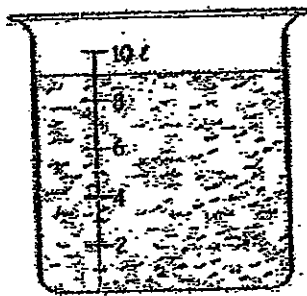
- (1)  $\frac{5}{11}$  (2)  $\frac{6}{11}$   
 (3)  $\frac{7}{15}$  (4)  $\frac{8}{15}$  ( )

8. The time shown in the clock below is  minutes to 2 o'clock.



- |        |        |     |
|--------|--------|-----|
| (1) 20 | (2) 25 |     |
| (3) 30 | (4) 35 | ( ) |

9. How many litres of water are there in the container below?



- |       |       |     |
|-------|-------|-----|
| (1) 9 | (2) 8 |     |
| (3) 7 | (4) 6 | ( ) |

10.  $634 = 6 \text{ hundreds} + 2 \text{ tens} + \text{  ones}$   
What is the missing number in the box above?

- |        |        |     |
|--------|--------|-----|
| (1) 34 | (2) 24 |     |
| (3) 14 | (4) 4  | ( ) |

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

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

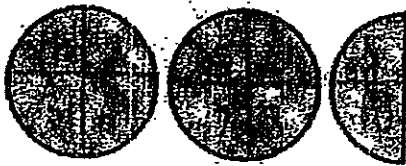
(2)  $\frac{1}{10}$

(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

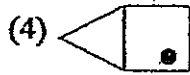
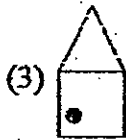
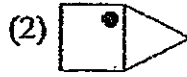
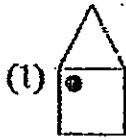
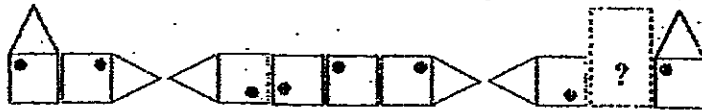
(2) 8

(3) 6

(4) 4

(            )

18. Study the following patterns carefully. Which is the missing shape?



(        )

19. Mrs Yeo bought 3 toy robots and 4 teddy bears for \$50. 1 toy robot cost as much as 2 teddy bears. What was the cost of 4 toy robots?

(1) \$10

(2) \$20

(3) \$30

(4) \$40

(        )

20. There are four poles of different lengths. Pole A is longer than Pole B. Pole C and Pole D are of the same length. Pole D is shorter than Pole B. Which one of the four poles is the longest?

(1) Pole A

(2) Pole B

(3) Pole C

(4) Pole D

(        )

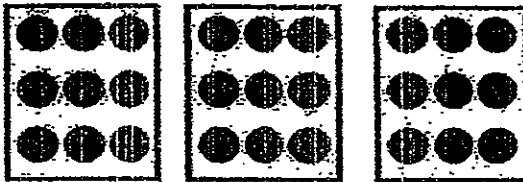


Questions 21 to 40 carry 2 marks each. Show your working clearly in the space below each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (40 marks)

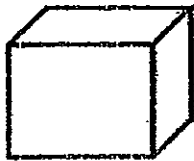
21.  $9 \times 2 = \boxed{?}$

What is the missing number in the box above?

22. Write a division number sentence for the pictures below.



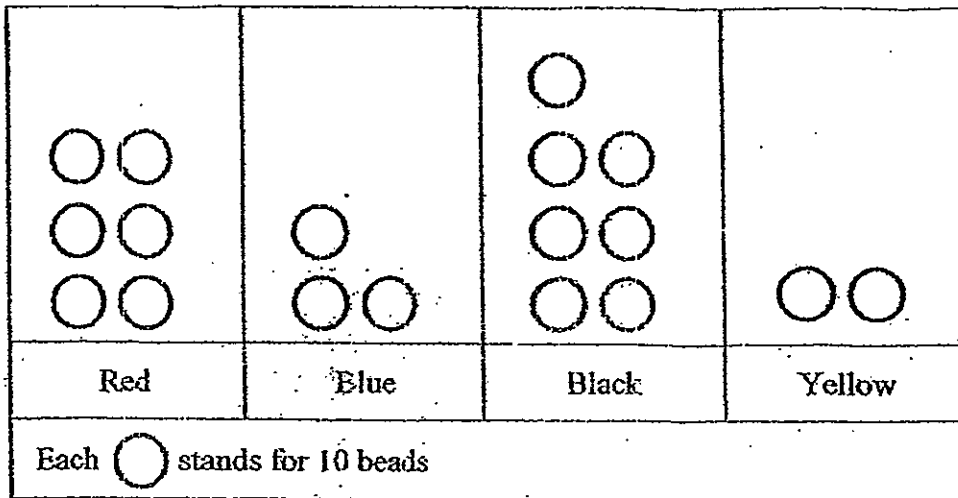
23. How many flat faces are there in the solid figure below?



24. The length of a string is 371 cm. It is 12 cm longer than a piece of ribbon. What is the total length of the string and the ribbon?

 cm

25. The graph below shows the number of beads Siti has.

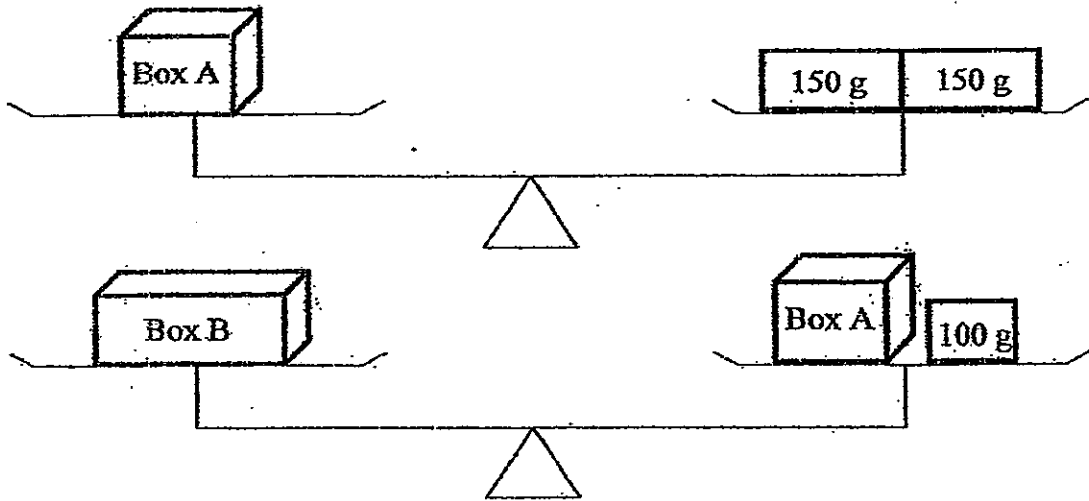


How many blue and black beads does Siti have altogether?

26. Peter has \$50. How many T-shirts can he buy if 1 T-shirt costs \$9?



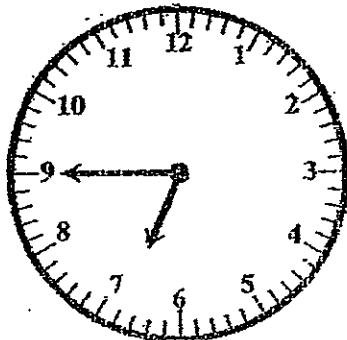
27. Study the diagram below carefully.



What is the mass of Box B?

  
g

28. The clock below shows the time that Bala completed his homework. If he took 30 minutes to complete his homework, at what time did he start doing it?

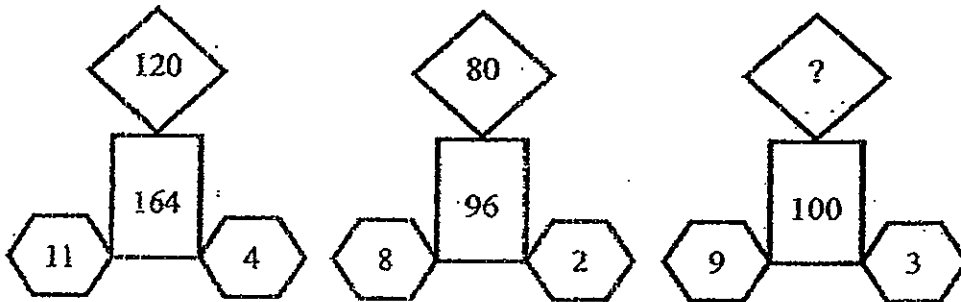
  
p.m.

29. Study the picture below carefully.



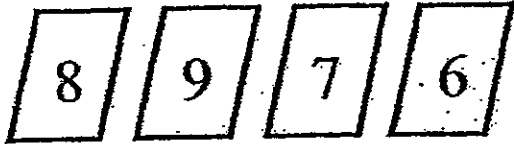
A teapot when completely filled with tea can fill 5 glasses of tea. How many of such teapots of tea are needed to fill 12 such glasses?

30. Study the diagram below carefully.



What is the missing number above?

31. What is the difference between the greatest 3-digit number and the smallest 3-digit number that can be formed with the digits below?



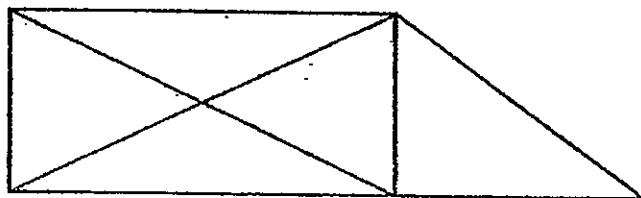
- 
32. Mrs Tan baked 165 cupcakes and 185 cookies. She sold 100 cupcakes and some cookies. If she had 170 cupcakes and cookies left, how many cookies did she sell?

33. Daisy collected 202 stamps and stickers. If she collected 184 more stickers than stamps, how many stamps did she collect?

34. Ali bought 10 bags of oranges. There were 3 oranges in each bag. If he repacked the oranges equally into 5 bags, how many oranges would there be in each bag?

- 
35. Edward cut a waffle into 2 equal pieces. He gave one piece to his mother and divided the other piece equally with his brother. What fraction of the waffle did his brother get?

- 
36. How many triangles are there in the figure below?



37. Look at the figures below.



Figure 1



Figure 2



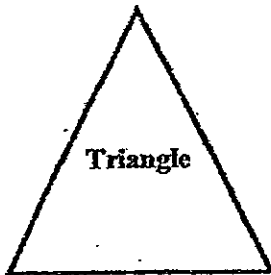
Figure 3



Figure 4

How many matchsticks are needed to form Figure 6?

38. Betty cut out 10 triangles and rectangles from a piece of paper. If the shapes have a total of 33 sides, how many triangles did she cut out?




39. Adrian wants to buy a packet of two different types of candies from a candy shop. The shop sells candies in 4 different flavours: lemon, strawberry, chocolate and orange. How many choices can he make?

40. Tina is thinking of a number. If she divides the number by 5 and adds 23 to the answer, she will get 31 as her final answer. What is the number that she is thinking of?



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. There are 381 pupils in a school hall. There are 193 boys. How many more boys than girls are there?

42. An oven costs \$397. It costs \$167 more than a vacuum cleaner. What is the total cost of an oven and a vacuum cleaner?

43. 6 men and 3 women form a team for a telematch. How many more men than women are there in 4 such teams?

---

44. There were 60 balls in a box. Joshua took some balls out and put them into bags of 3. If he had 7 such bags, how many balls were left in the box?

---

45. Caili cut a piece of string into 3 pieces. The first piece was 161 cm shorter than the second piece. The second piece was 89 cm longer than the third piece. The third piece of string was 142 cm long.

(a) What was the length of the first piece of string?

---

(b) How many pieces of string of length 10 cm can be cut from the first piece of string?

46. During the Great Singapore Sale, Mary bought 12 more T-shirts than Diana. Betty bought 5 fewer T-shirts than Mary. The three girls bought 46 T-shirts altogether.

(a) How many T-shirts did Diana buy?

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(b) How many more T-shirts did Betty buy than Diana?

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**End-of-Paper**

**AMENDED QUESTION FOR QUESTION 42**

Name : \_\_\_\_\_ ( )

Class : Primary 2 \_\_\_\_\_

Date : 6 November 2012

42. An oven costs \$487. It costs \$157 more than a vacuum cleaner. What is the total cost of an oven and a vacuum cleaner?



# **ANSWER SHEET**

## **EXAM PAPER 2012**

**SCHOOL : RULANG PRIMARY SCHOOL**

**SUBJECT : PRIMARY 2 - MATHEMATICS**

**TERM : SA2**

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

21. 18.
22.  $27 \div 3 = 9$
23. 6 flat faces
24. 730 cm
25. 100 blue and black beads
26. 5 T-shirts
27. 400 g
28. 6.15pm
29. 3 such teapots
30. 73
31. 309
32. 80 cookies
33. 9 stamps
34. 6 oranges
35.  $\frac{1}{4}$
36. 10 triangles
37. 13 matchsticks
38. 7 triangles
39. 6 choices
40. 40
41. There are 5 more boys than girls.
42. The total cost of an oven and a vacuum cleaner is \$817.
43. There are 12 more men than women in 4 such teams.
44. 39 balls were left in the box.

45. a) The first piece of ribbon was 70cm.  
b) 7 pieces of 10cm can be cut from the first piece.
46. a) Diana bought 9 T-shirts.  
b) Betty bought 7 more T-shirts than Diana.