

NANYANG PRIMARY SCHOOL
SEMESTRAL EXAMINATION
2008

PRIMARY 1
MATHEMATICS

DURATION: 1 HOUR 30 MINUTES

Section A	/ 40
Section B	/ 40
Section C	/ 20

Total: / 100

Name: _____ ()

Class: Primary 1 ()

Date: 30 October 2008

Parent's Signature: _____

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.

FOLLOW ALL INSTRUCTIONS CAREFULLY.

ANSWER ALL QUESTIONS.

Section A

Questions 1 to 20 carry 2 marks each.

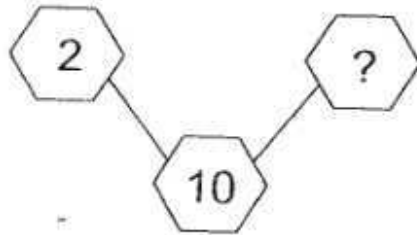
For each question, four options are given.

One of them is the correct answer.

Choose the correct answer and write its number (1, 2, 3 or 4) in the brackets () provided.

(Total: 40 marks)

1. What is the missing number in the number bond below?



(1) 5

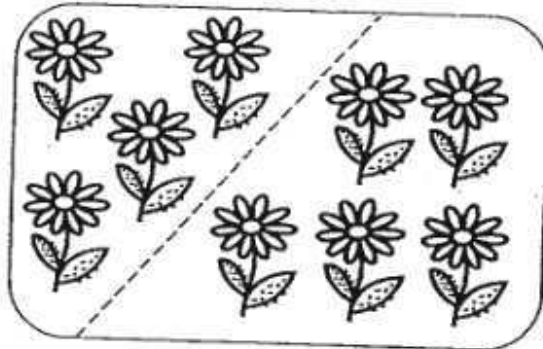
(2) 8

(3) 12

(4) 20

()

2. Which one of the following number sentences best describes this picture?



(1) $4 + 1 = 5$

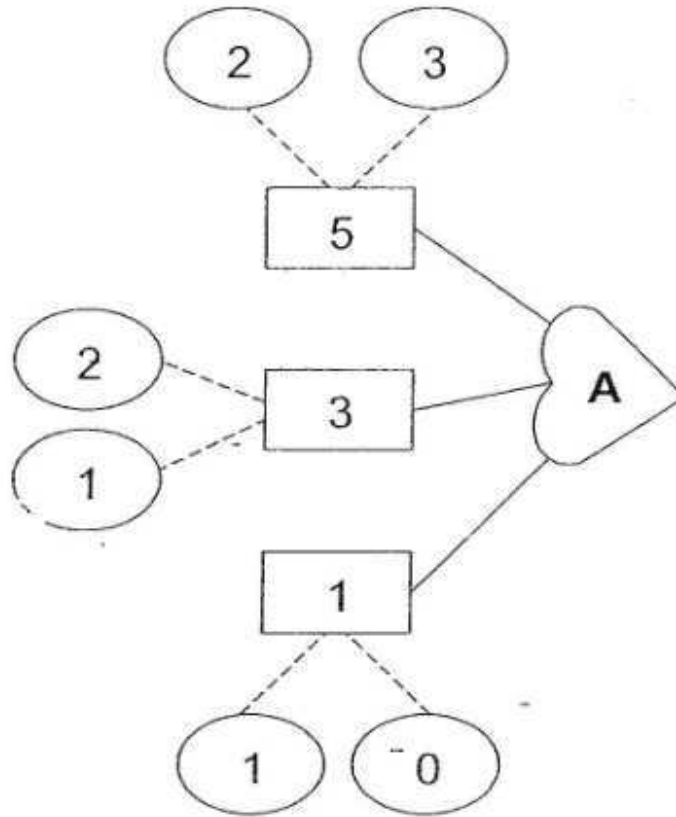
(2) $5 + 4 = 9$

(3) $5 - 4 = 1$

(4) $9 - 3 = 6$

()

8. Study the figure below.



What does A stand for?

(1) 6

(2) 2

(3) 9

(4) 10

()

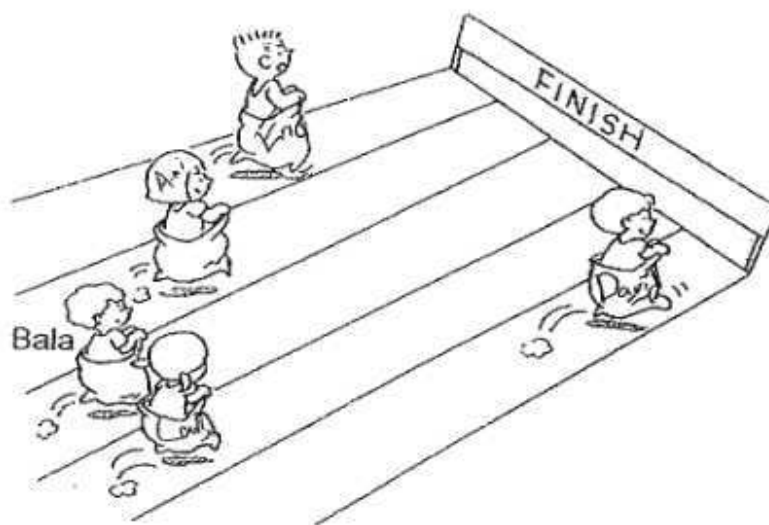
9. Five children, Aini, Bala, Caili, David and Eric are having a sack race.

Use the clues below to find out the position Eric is in.

Clue 1 : Aini is faster than Bala but slower than David.

Clue 2 : Eric is slower than David.

Clue 3 : Caili is as fast as Bala.



What position is Eric in the sack race?

(1) 1st

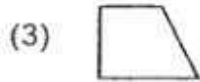
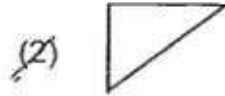
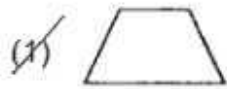
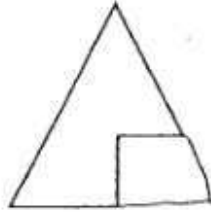
(2) 2nd

(3) 3rd

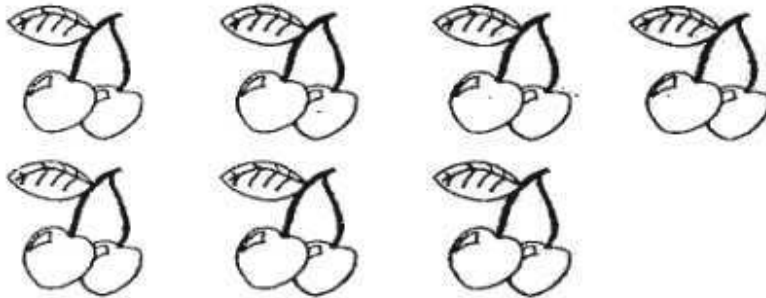
(4) 4th

()

12. Part of the triangle below is cut off.
Which is the missing part of the triangle?



13.



Which one of the following stands for the total number of cherries?

(1) $2 + 7$

(2) $2 + 2 + 2 + 2 + 2 + 2 + 2$

(3) 7×7

(4) $2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 2$

(-)

14. Mrs Ng had 20 cupcakes.

She wanted to give 6 cupcakes to each of her 4 children.

How many more cupcakes did she need?



(1) 24

(2) 2

(3) 14

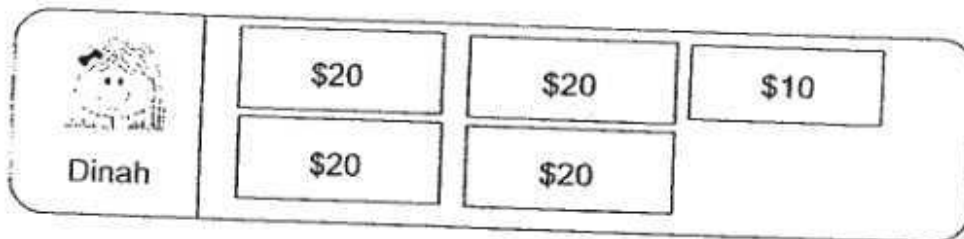
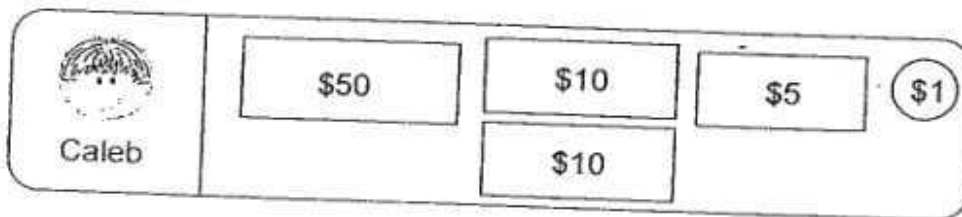
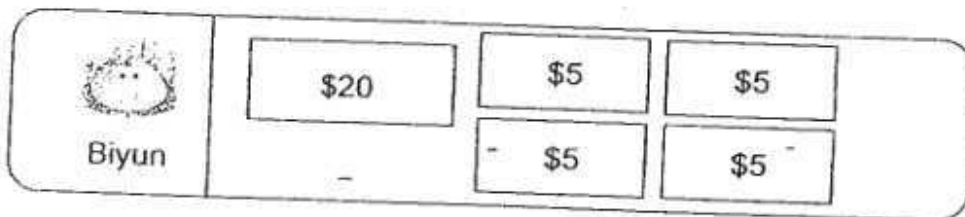
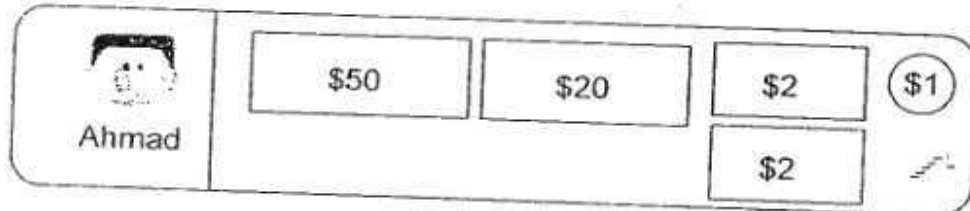
(4) 4

()

15. A chess set costs \$76.

The diagrams below show the amount of money 4 children have.

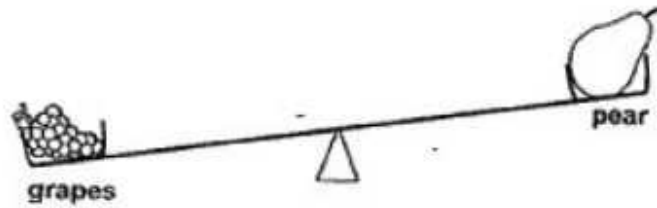
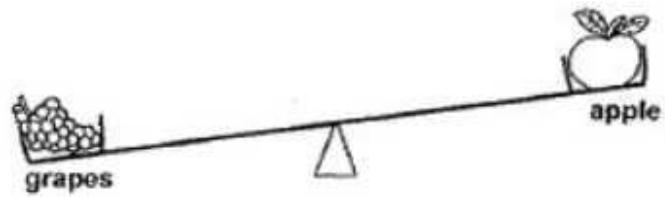
Which 2 children have enough money to buy the chess set?



- (1) Ahmad and Bi Yun
- (2) Ahmad and Caleb
- (3) Bi Yun and Caleb
- (4) Caleb and Dinah

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18. Study the diagrams below carefully.






Which one of the following shows the fruits arranged from the heaviest to the lightest?

- (1) apple, pear, grapes
- (2) pear, grapes, apple
- (3) grapes, apple, pear
- (4) grapes, pear, apple




()

19. The pictures below show part of Kelvin's day.




6 o'clock	half past 6	2 o'clock
		
waking up	going to school	reaching home

Which one of the following shows the correct times for Kelvin's activities?


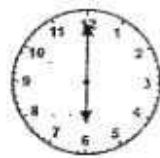

(1)

		
waking up	going to school	reaching home

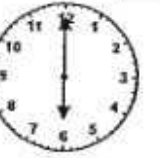


(2)

		
waking up	going to school	reaching home

(3)

		
waking up	going to school	reaching home

(4)

		
waking up	going to school	reaching home

()

Section B

Questions 21 to 40 carry 2 marks each.

Write your answers in the spaces provided. (Total: 40 marks)

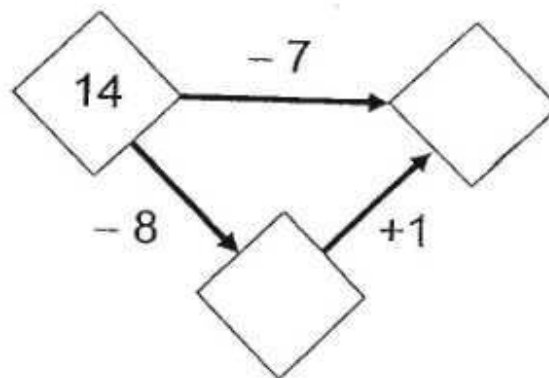
21. Write in words.

(a) 98 : _____

(b) 42 : _____

22. Gopal bought 3 apples on Thursday and 4 pears on Friday.
How many fruits did he buy altogether?

23. What are the missing numbers in the boxes below?



24. Write the correct answer in the box.

$$9 - 1 = \square + 1 + 3$$

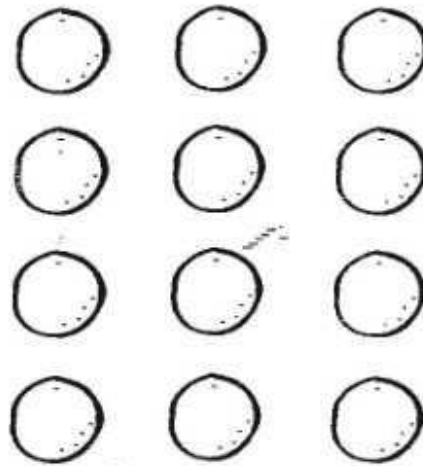
25. Study the following cards carefully.
Choose 3 different cards to make one subtraction sentence.

<input type="text" value="5"/>	<input type="text" value="8"/>	<input type="text" value="10"/>	<input type="text" value="13"/>
	<input type="text" value="20"/>		<input type="text" value="12"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

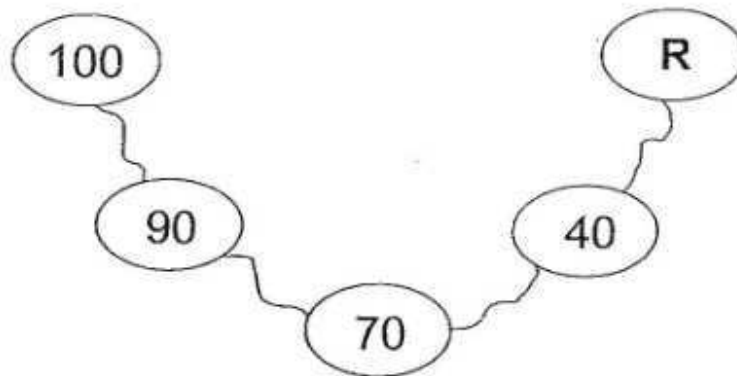
23. What is the missing digit in the box?

$$\begin{array}{r} 68 \\ + 25 \\ \hline \square 3 \\ \hline \end{array}$$

27. Mrs Tan wants to put 12 oranges into 2 bags.
How many oranges will there be in each bag?



28. Look at the number pattern carefully.



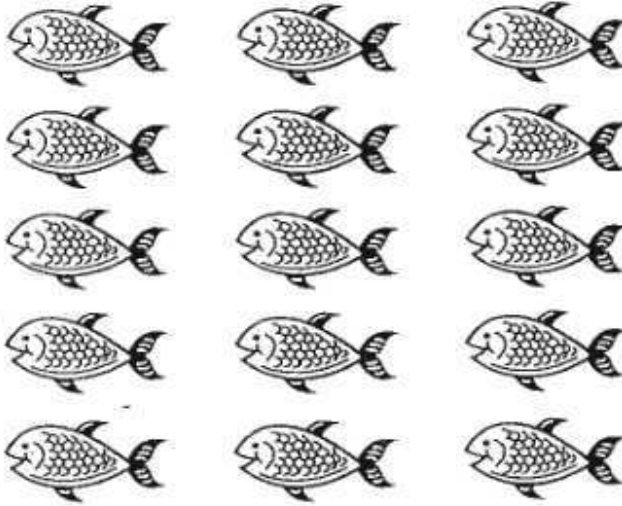
What does R stand for?

R =

29. There are 15 fish.

Circle the fish into groups of 5.

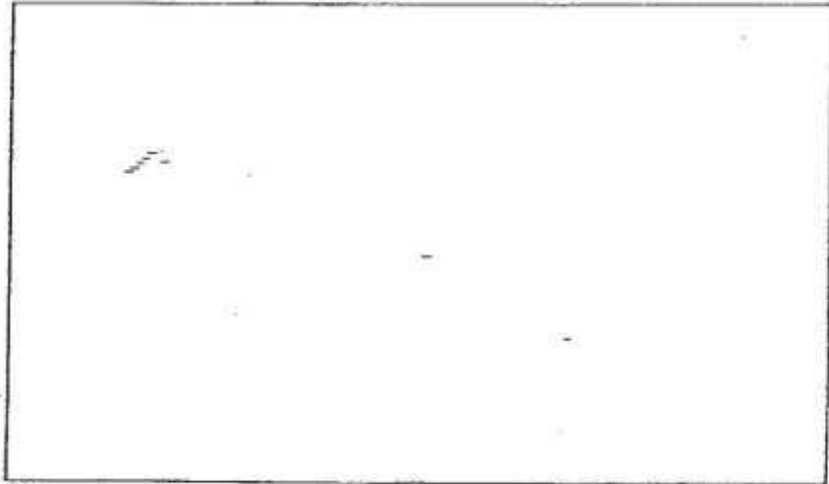
How many groups of fish are there?



30. An ant has 6 legs.

Draw more ants to show a total of 24 legs.

Then complete the multiplication sentence below.



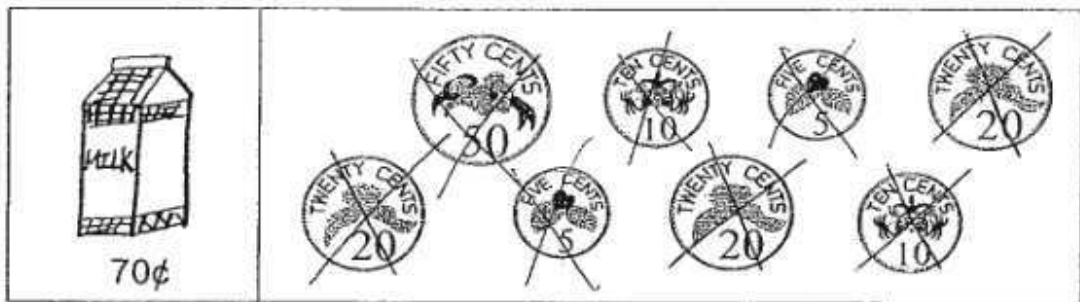
$$\boxed{} \times 6 = 24$$

31. Nisa has 7 fewer toys than Owen.

Patrick has 4 more toys than Owen.

If Nisa has 15 toys, how many toys does Patrick have?

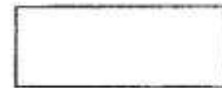
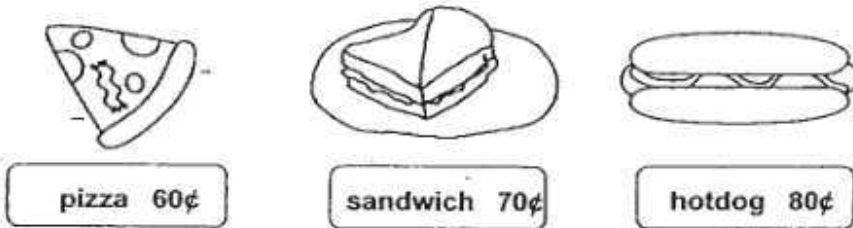
32. Cross out 4 coins to pay for the carton of milk.



33. Mrs Sim brought 90¢ to the canteen.

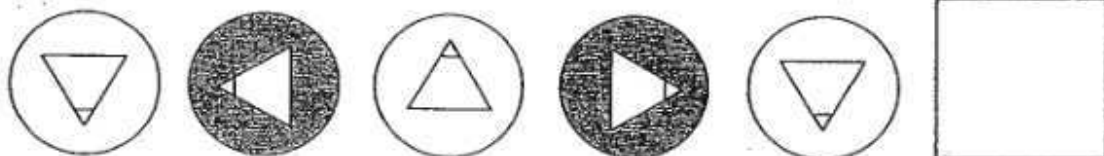
She bought one food item and had 10¢ left.

Which food item did she buy?



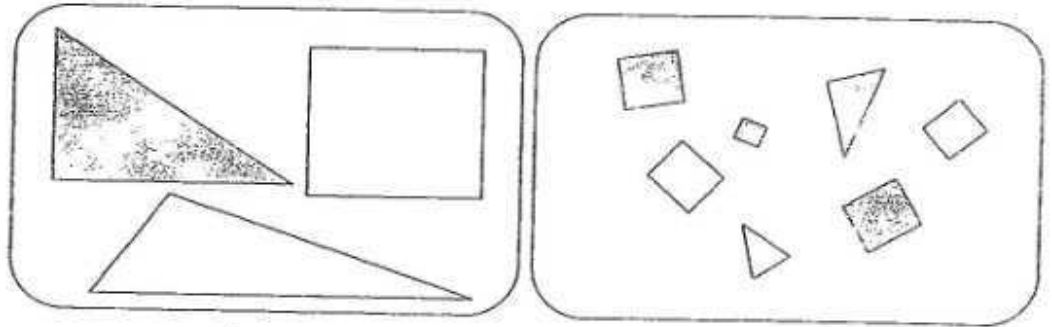
34. Study the pattern below.

Draw the next shape in the box below.

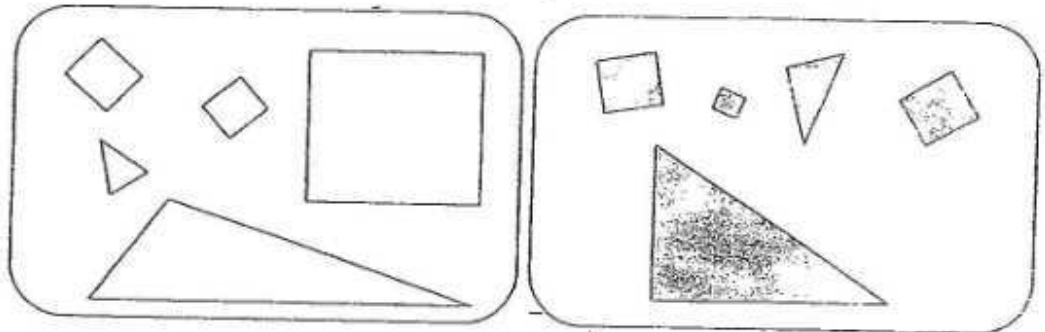


35. Xing and Zoe were given 10 shapes.

Xing grouped the shapes this way :



Zoe grouped the shapes this way :



Tick (✓) the property that each of them used to group the shapes

a) Xing grouped the shapes by

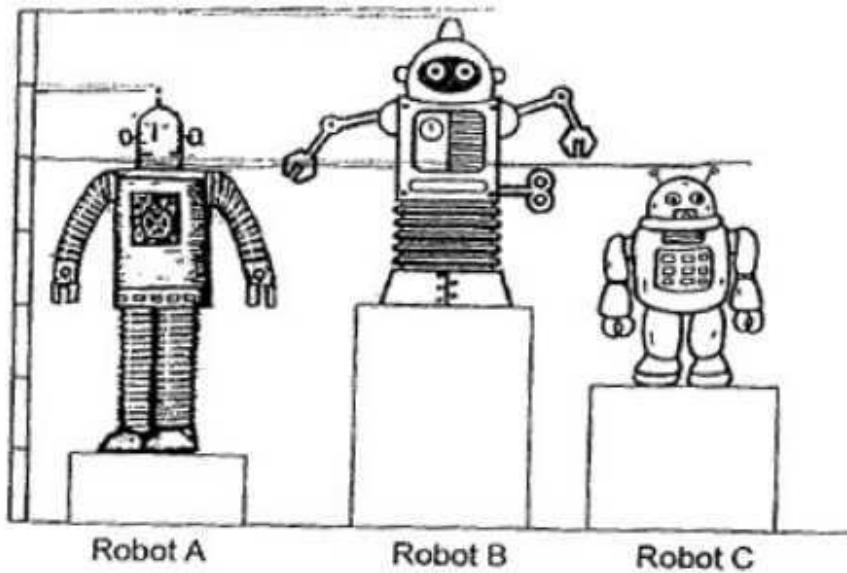
colour	
shape	
size	

b) Zoe grouped the shapes by

colour	
shape	
size	

36. Look at the robots below carefully.

Which robot is the tallest?

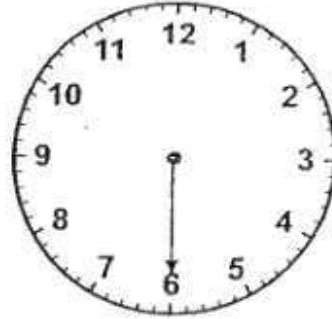


37. Study the diagram below carefully and fill in the blank.

What is the mass of the present?



38. Draw the **hour hand** on the clock face below to show the correct time.



half past 9

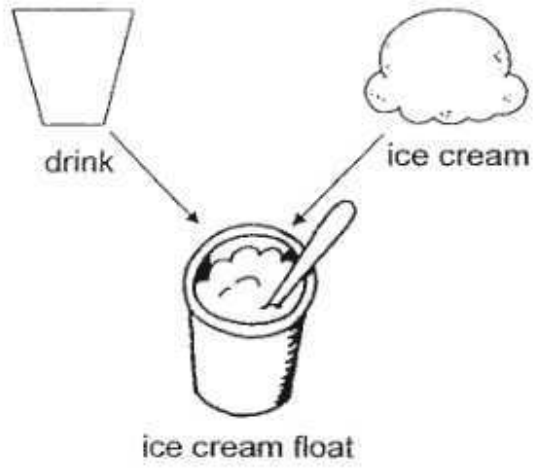
39. The graph below shows the kind of pets that 20 pupils own.

Number of pupils who own pets	
Dog	♥ ♥ ♥ ♥ ♥ ♥ ♥ ♥
Fish	♥ ♥
Hamster	
Rabbit	♥
Terrapin	♥ ♥ ♥ ♥

Each ♥ stands for 1 pupil.

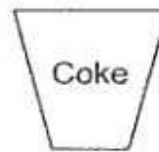
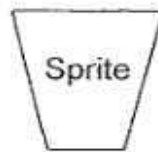
Draw the number of pupils who own hamsters in the graph above.

40. Janice wants to make an ice cream float. She needs to choose 1 drink and 1 ice cream to make her ice cream float.



How many different ways can she make her ice cream float?

Drinks



Ice cream
flavours



Section C

Questions 41 to 45 carry 4 marks each.

Do these word problems carefully.

Show your working clearly in the space provided for each question.

(Total: 20 marks)

41. Mrs. Koh bought a bicycle for her son. She paid the cashier and received a change of \$14. How much did she pay the cashier?



- \$ ○ \$ ○ \$

She paid the cashier \$ _____.

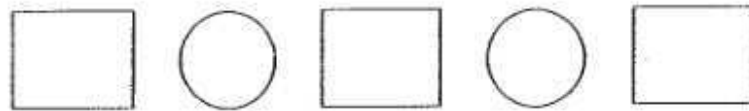
42. Jacy baked 43 buns. Kevin baked 38 buns.

(a) How many buns did they bake altogether?



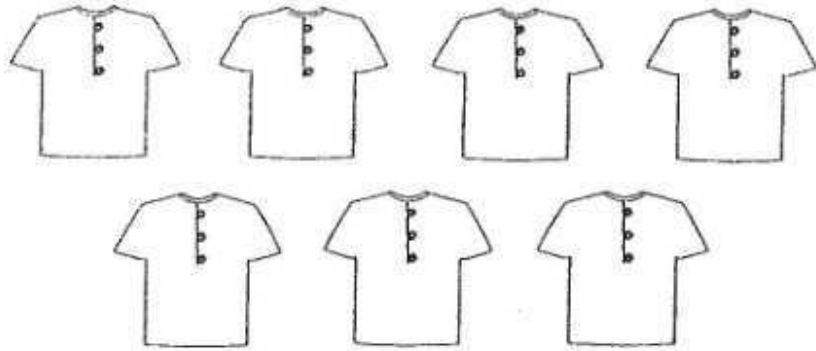
They baked _____ buns altogether.

(b) After giving some buns to her friends, Jacy had 29 buns left.
How many buns did Jacy give to her friends?



She gave _____ buns to her friends.

43. Mother had 40 buttons. She bought 7 shirts and sewed 3 buttons onto each shirt.



- (a) How many buttons did she sew onto the 7 shirts?



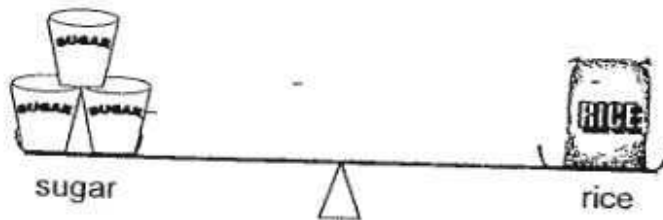
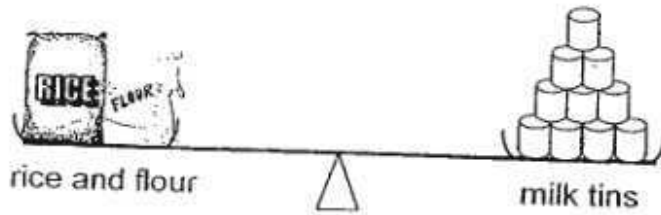
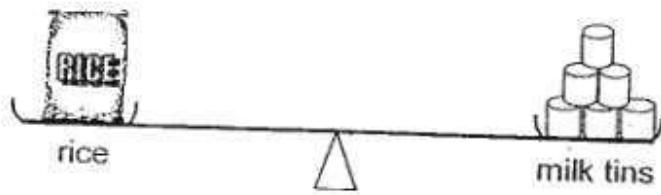
She sewed _____ buttons onto the 7 shirts.


- (b) How many buttons did she have left?




She had _____ buttons left.

44. Study the diagrams below.



a) The mass of a packet of flour is _____ .

b) The mass of a cup of sugar is _____ .

c) The mass of a packet of flour and a sack of rice is

_____ .

45. Mrs Ho buys apples from the fruit stall. For every 5 apples she buys, the fruit-seller gives her 1 free apple. If she gets 5 free apples, how many apples did she buy?

Number of apples that she buys	5				
Number of free apples she gets	1				

She bought _____ apples.

⊕ *End of Paper* ⊕
Please Check Carefully

Setters: Mrs Low Ming Ming
Mrs Alison Loo

1

2

3

4

5

6

7

8

9

10

11



ANSWER SHEET

EXAM PAPER 2008

SCHOOL : NANYANG PRIMARY SCHOOL
 SUBJECT : PRIMARY 1 MATHEMATICS

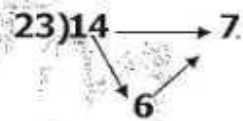
TERM : SA 2

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

Q18	Q19	Q20
4	4	4

21) a) ninety-eight b) forty-two

22) 7



24) 4

25) $20 - 12 = 8$

26) 9

27) 6

28) R = 0



$4 \times 6 = 24$

31) 26

32) 50, 10, 5, 5 (cents)

Answer : 3

33) hotdog

34)

35) a) size b) colour

36) Robot A

37) 7

38)

39) Hamster = 

40) 6

41) $\$86 + \$14 = \$100$

She paid the cashier \$100

42) a) $43 + 38 = 81$

They baked 81 buns altogether.

b) $43 - 29 = 14$

She gave 14 buns to her friends.

43) a) $7 \times 3 = 21$

She sewed 21 buttons onto the 7 shirts.

b) $40 - 21 = 19$

She had 19 buttons left.

44) a) 4 b) 2 c) 5

45) Number of apples that she buys

5	10	15	20	25
1	2	3	4	5

Number of free apples she gets

She bought 25 apples.