

NANYANG PRIMARY SCHOOL
SEMESTRAL EXAMINATION
2006

PRIMARY 1
MATHEMATICS

DURATION: 1 HOUR 30 MINUTES

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

Total:	/ 100
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Name: _____ ()

Class: Primary 1 ()

Date: 2 November 2006

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.

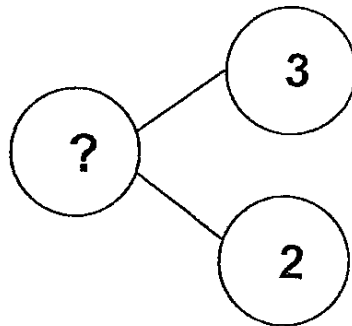
For each question, four choices are given.

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
(3) 3

- (2) 2
(4) 8

()

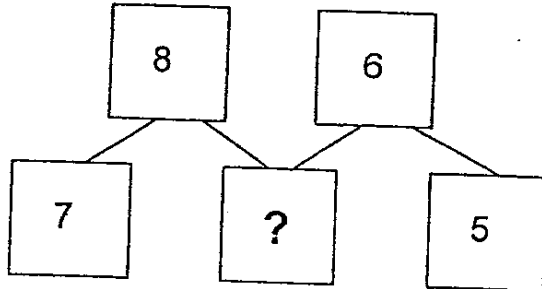
2. ~~Huiling has 2 yellow pencils and 7 blue pencils. How many pencils does she have altogether?~~

- (1) 5
(3) 14

- (2) 9
(4) 27

()

3. What is the missing number in the box below?

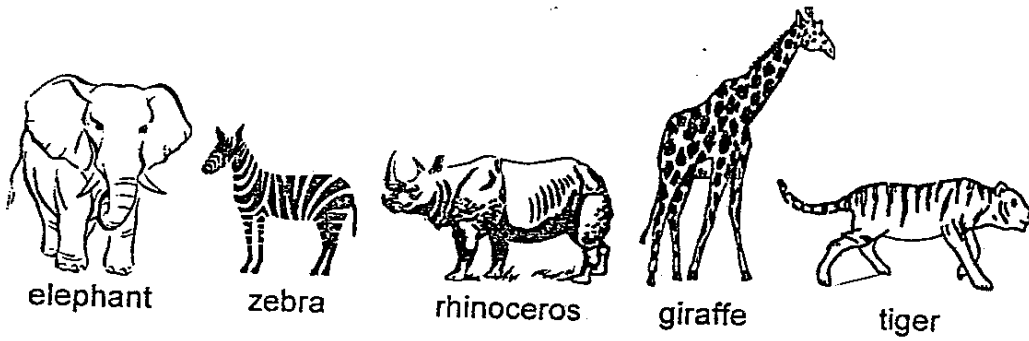


- (1) 1
- (3) 11

- (2) 2
- (4) 12

()

4.



The _____ is the 4th animal from the right.

- (1) tiger
- (3) rhinoceros

- (2) giraffe
- (4) zebra

()

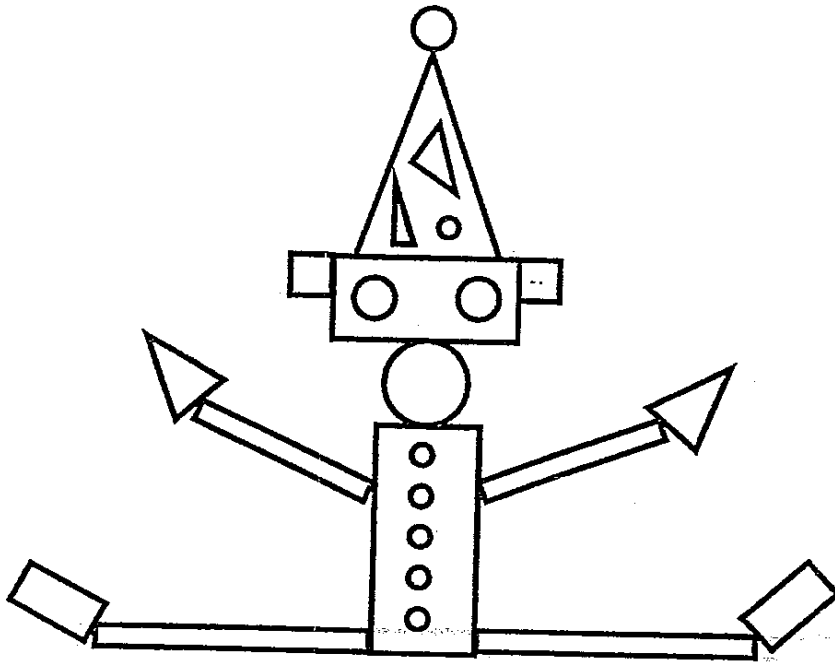
5. There were 13 mangoes on a plate. Aunt Lucy gave 5 mangoes away. How many mangoes were left on the plate?

- (1) 5
- (3) 12

- (2) 8
- (4) 18

()

6. How many circles are there in the figure below?

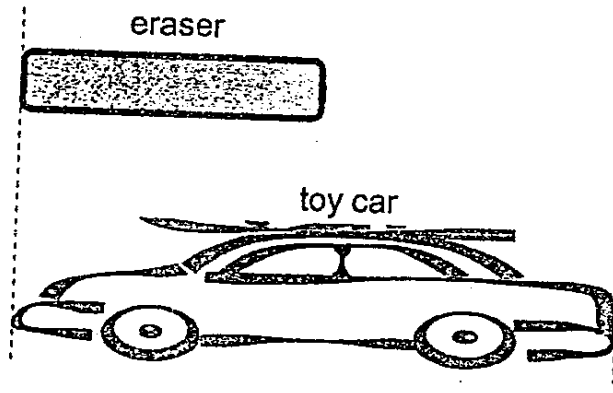


- (1) 5
- (3) 9

- (2) 6
- (4) 10

()

7. The length of 2 toy cars is about _____ erasers long.

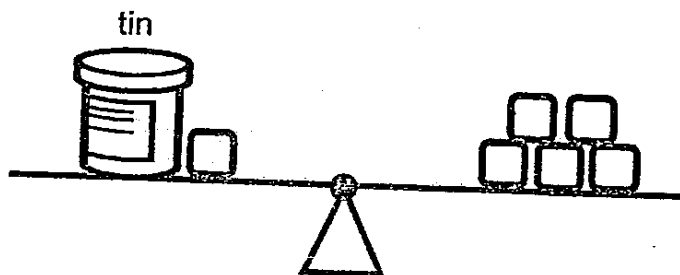


- (1) 1
- (3) 3

- (2) 2
- (4) 4

()

8. The tin is as heavy as _____ .



- (1) 1
- (3) 6

- (2) 5
- (4) 4

()

9. Which of the following numbers is between 13 and 15?

- (1) 12
- (3) 14

- (2) 2
- (4) 16

()

10. 78 is the same as _____ tens 18 ones.

- (1) 6
- (3) 60

- (2) 7
- (4) 70

()

11. Study the number pattern below.

44, 36, 30, ?, 24

What is the missing number in the box?

- (1) 25
- (3) 27

- (2) 26
- (4) 28

()

12. Study the pattern below. What does Y stand for?

15		
4	5	6

Y		
6	7	8

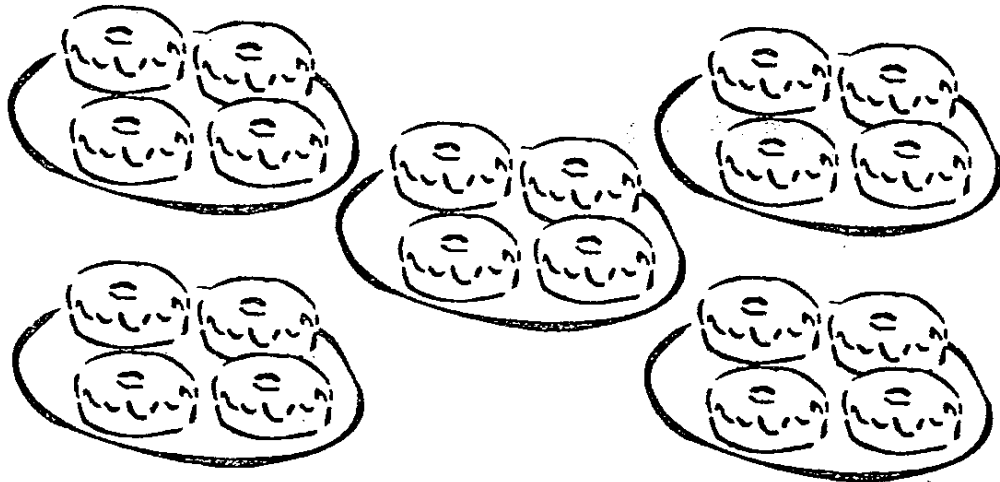
27		
8	9	10

- (1) 17
- (3) 21

- (2) 20
- (4) 22

()

13. There are 4 muffins on each plate. How many muffins are there on 5 plates?

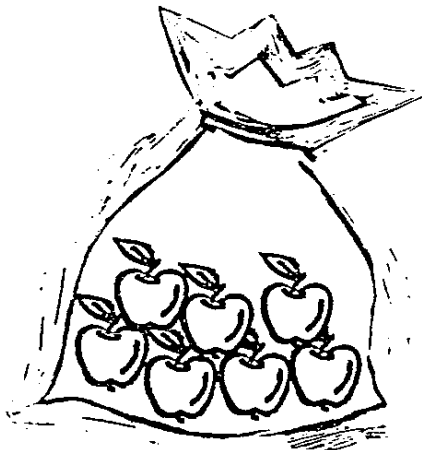


(1) 9
(3) 20

(2) 16
(4) 25

()

14. A bag has 7 apples. How many apples do 3 such bags have?

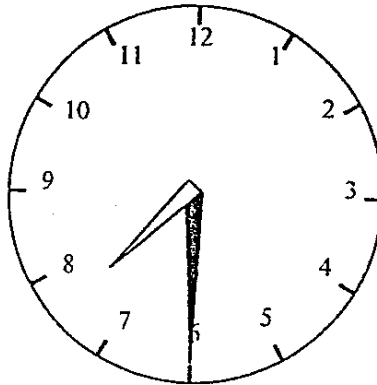


(1) 10
(3) 21

(2) 14
(4) 28

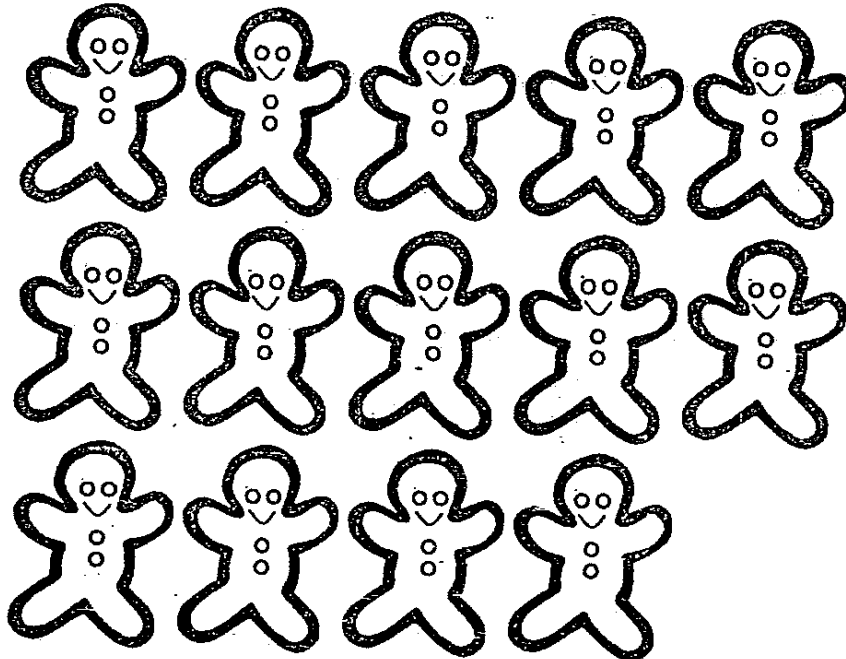
()

15. What is the time shown on the clock below?



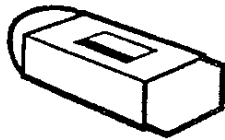
- (1) half past 6 (2) half past 7
(3) half past 8 (4) half past 9 ()

16. Mrs Li baked 14 pieces of gingerbread man. She wanted to give 3 pieces of gingerbread man to each of her 6 children. How many more pieces of gingerbread man would she need to bake?

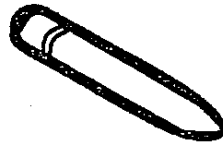


- (1) 8 (2) 9
(3) 3 (4) 4 ()

17. Look at the pictures below.



Eraser
20¢

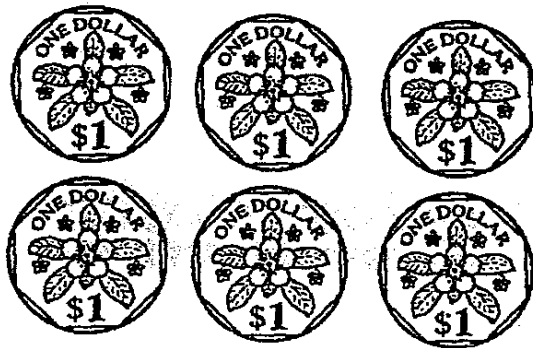


Pencil
30¢

Nicole bought two erasers and a pencil. How much did she spend?

- (1) 70¢ (2) 60¢
(3) 50¢ (4) 40¢ ()

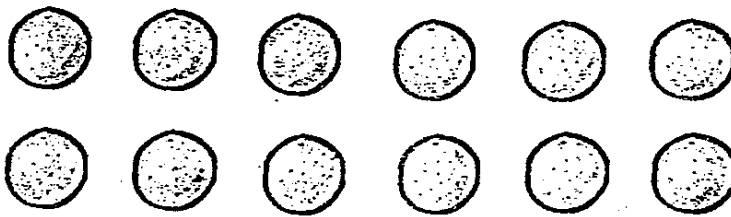
18. Liwen has 6 one-dollar coins. How many fifty-cent coins will she get if she exchanges all of them for fifty-cent coins only?



- (1) 6 (2) 10
(3) 12 (4) 14 ()

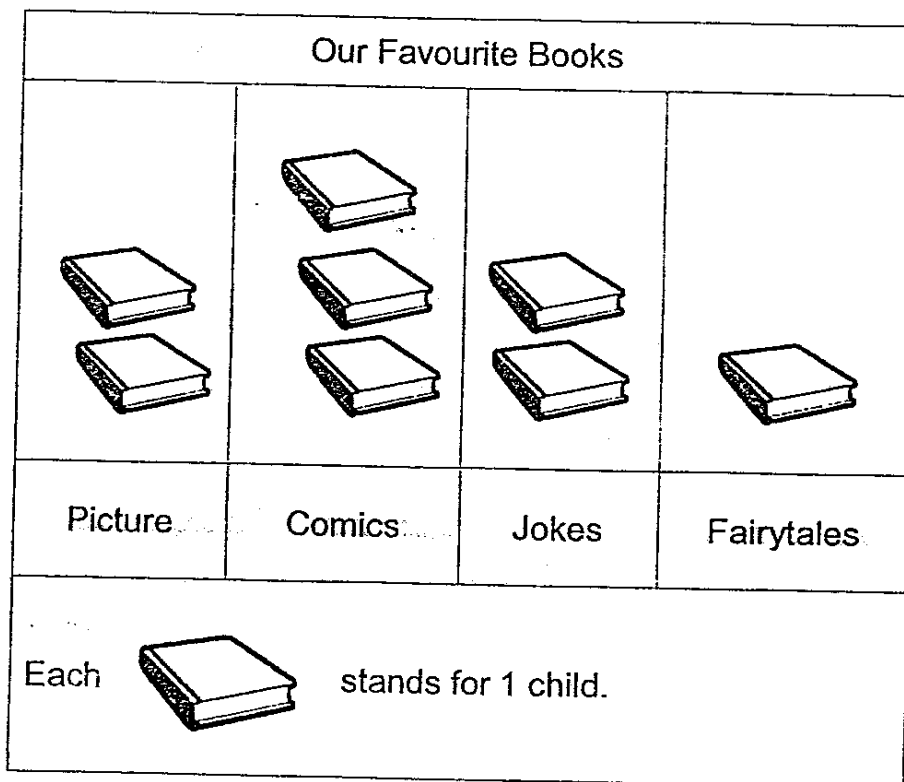
50

19. Dickson has 12 oranges. A basket can hold 3 oranges. How many such baskets would he need to hold all the oranges?



- (1) 36
 - (2) 15
 - (3) 9
 - (4) 4
- ()

20. The picture graph below shows some children's favourite types of books.



How many more children like Comics than Fairytale?

- (1) 1
 - (2) 2
 - (3) 3
 - (4) 4
- ()

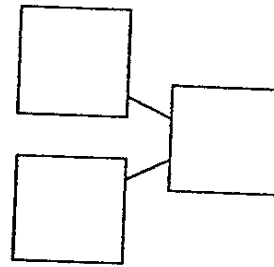
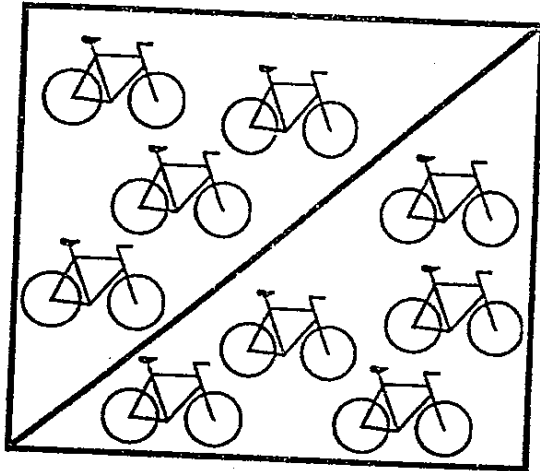
52

Section B

Questions 21 to 40 carry 2 marks each.
Write your answers in the blanks provided.

(Total: 40 marks)

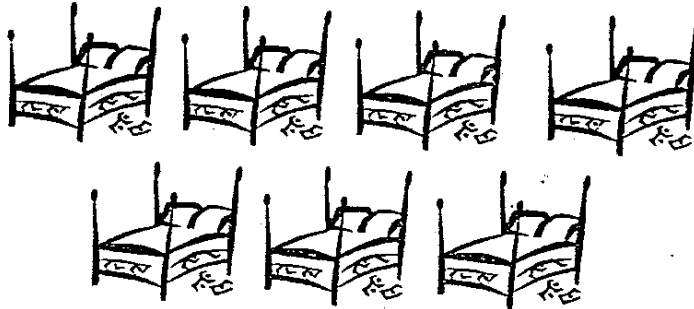
21. Study the picture below and complete the number bond.



22. Min Xuan has 2 Pokemon cards. Min Guan has 5 more than he. How many Pokemon cards does Min Guan have?



23. There are 7 beds in Shop A. Shop B has 2 beds fewer than Shop A. How many beds are there in the 2 rooms?



24. Aunt Penny has a total of 8 pairs of shoes as shown below. How many pairs of jogging shoes does she need to buy if she wants to have 4 more pairs of jogging shoes than ballet shoes?

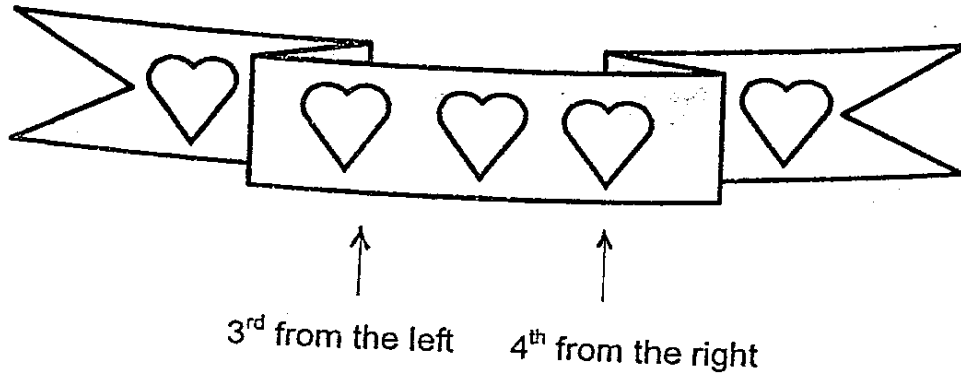


Jogging shoes



Ballet shoes

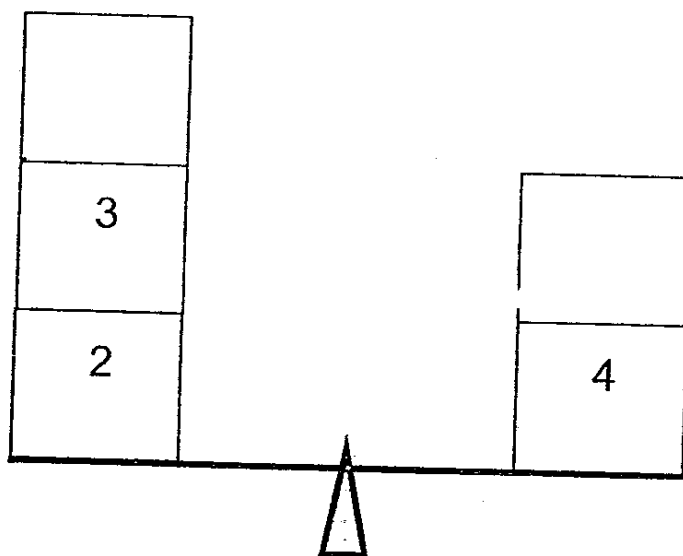
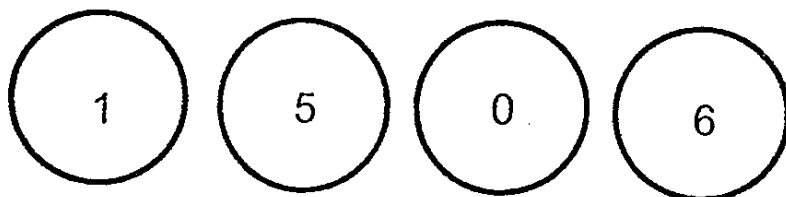
25. There are some hearts on a ribbon. Abigail folded the ribbon. How many hearts are hidden?



26. Mrs Tan needs 17 eggs to bake a birthday cake. She has only 6 eggs. How many more eggs must she buy to bake the cake?

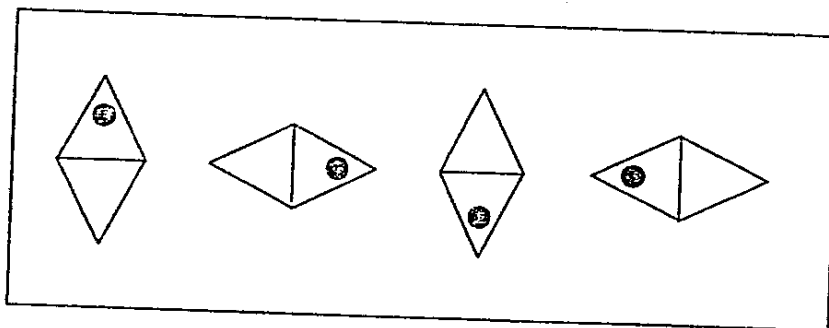
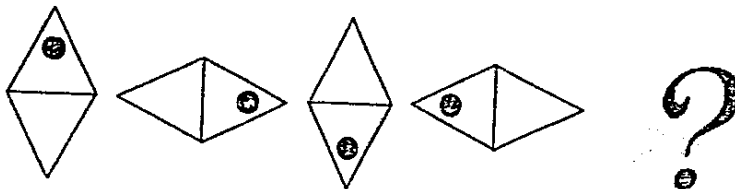


27. Look at the balance below. The sum of all numbers on each side of the balance must be the same. Which of the numbers in the circles below should be added to each side of the balance? Write your answers in the boxes provided.

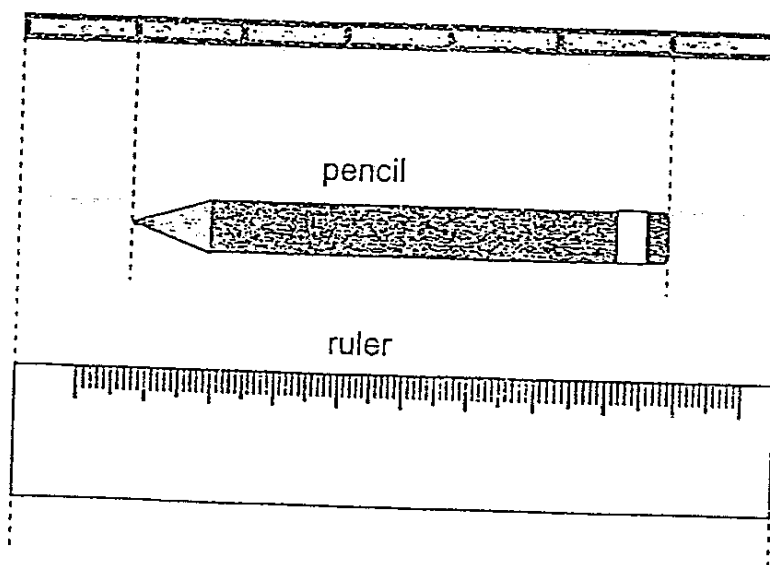


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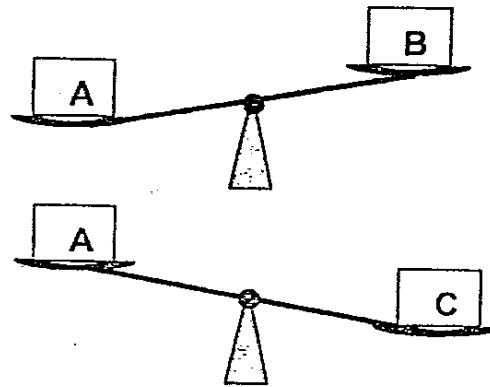
28. Study the pattern below. Circle the shape in the box that comes next.



29. The length of the ruler is about shorter than the length of 3 pencils.



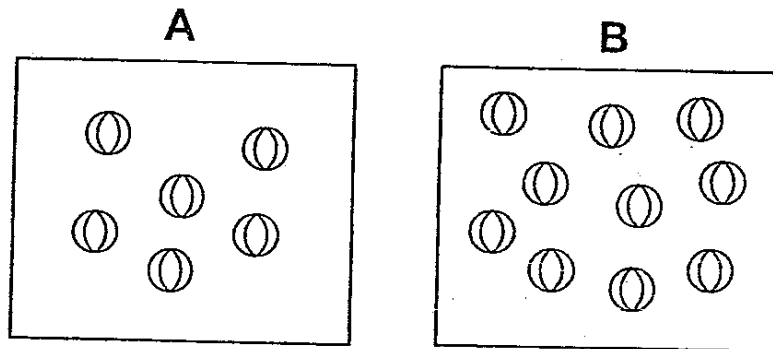
30. Compare the masses of Box A, B and C below.



Box is the lightest.

Box is the heaviest.

31. Jamil has 2 sets of marbles as shown below. How many marbles must be moved from Set B to Set A so that both sets have the same number of marbles?



32. There are 4 jars of sweets.

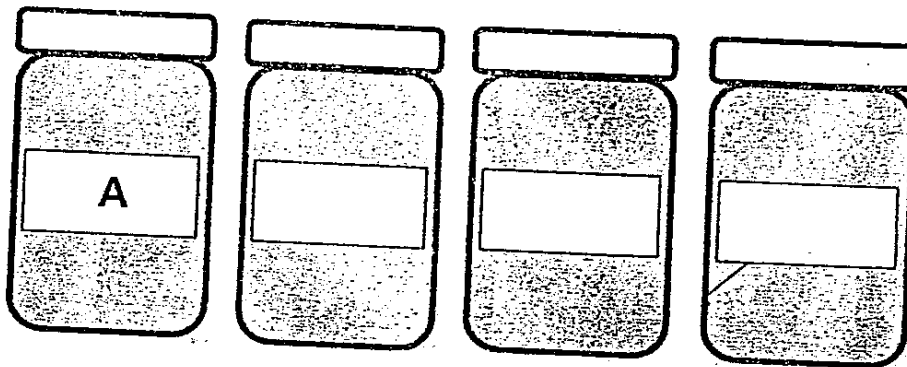
Jar A has 68 sweets.

Jar B has 89 sweets.

Jar C has 98 sweets.

Jar D has 86 sweets.

Arrange the jars beginning with the jar with the least number of sweets. Write A, B, C and D in the boxes provided. The first one is done for you.

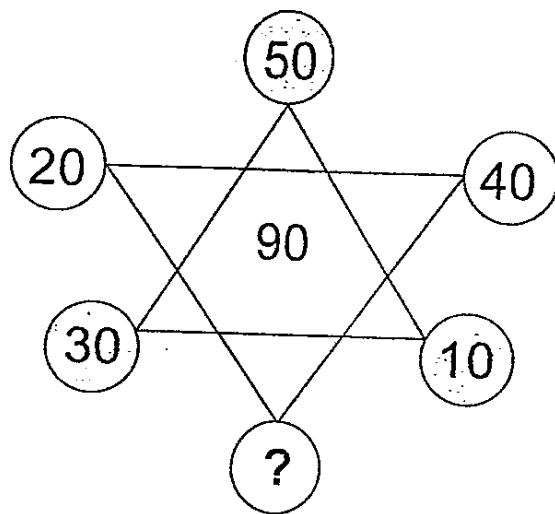


Least

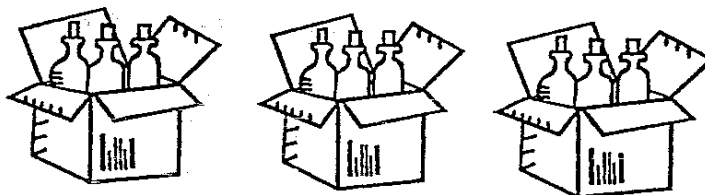
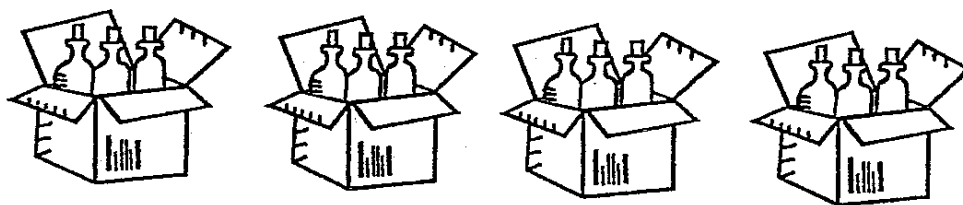
33. What is the missing number in the box?

$$\begin{array}{r} 35 \\ + \boxed{?}9 \\ \hline 64 \end{array}$$

34. Study the figure below. What is the missing number?

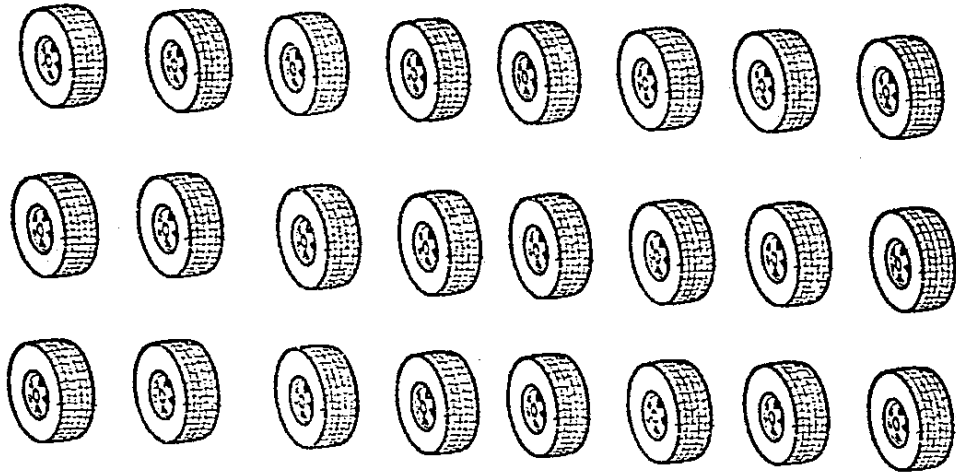


35. Study the pictures below and write a multiplication sentence.



$$\square \circ \square = \square$$

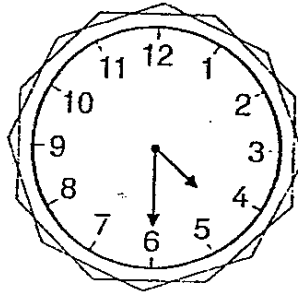
36. A car has 4 wheels. How many cars are there if there are 24 wheels?



37. For every 5 coupons won in the funfair, a child is given 3 stickers. Katty won 15 coupons. How many stickers would she get?

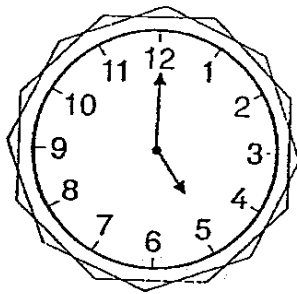
Number of Coupons	5			
Number of Stickers	3			

38. Look at the clock below.

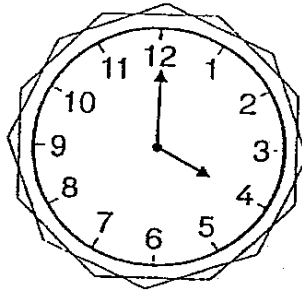


Actual Time

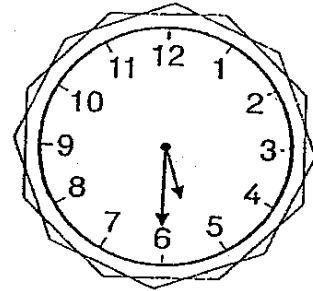
Which clock below shows the time that is half an hour faster than the actual time?



A

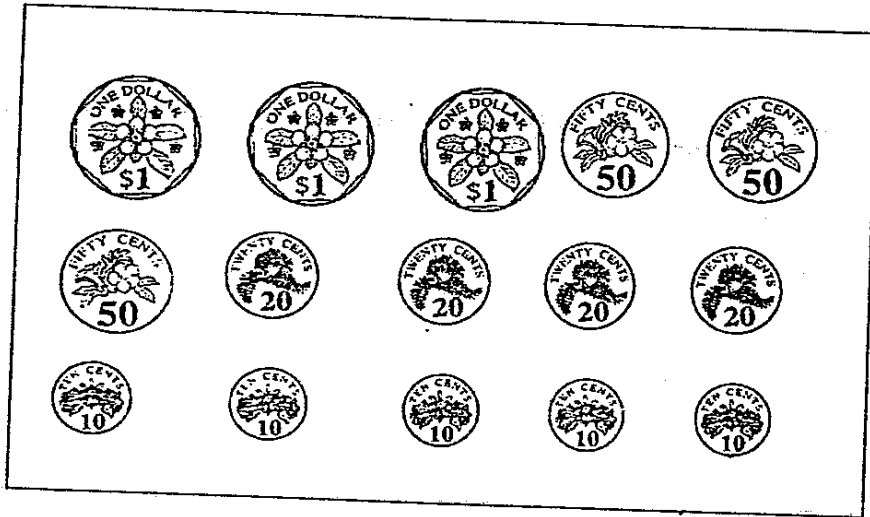
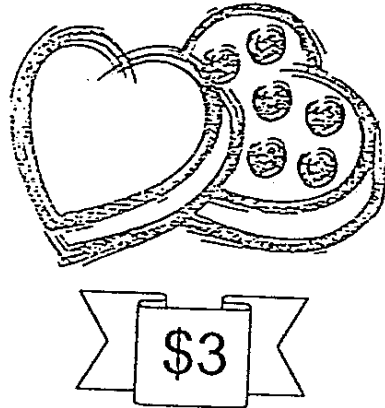


B

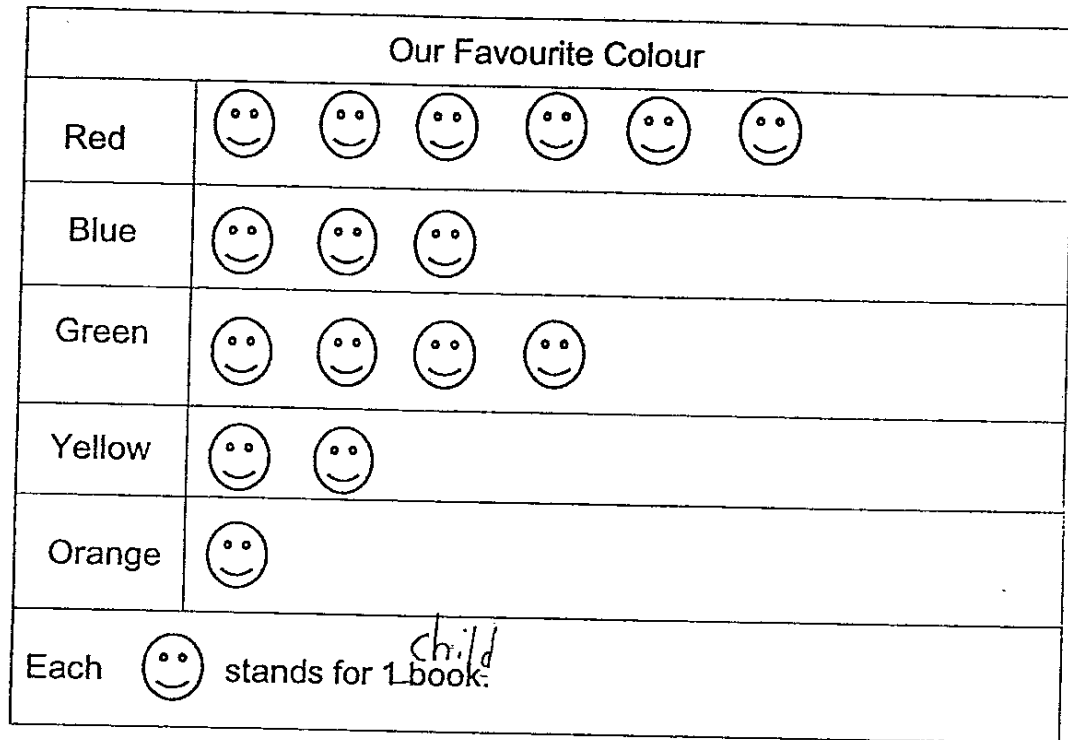


C

39. Johnny used 6 coins to buy the box of chocolate below. Cross the 6 coins he had used to buy the box of chocolate.



40. The picture graph below shows the favourite colour of some children.



(a) The number of children who likes red is

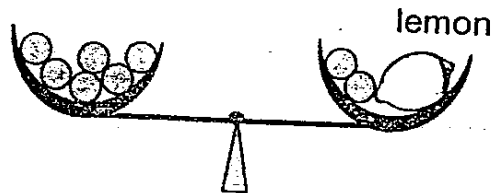
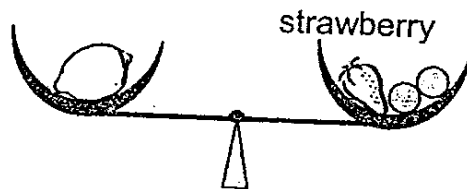
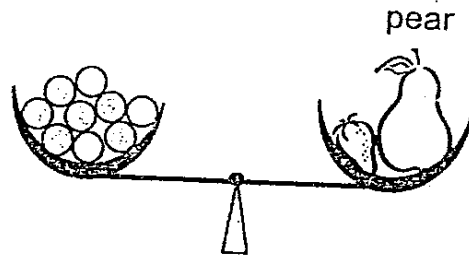
(b) The number of children who likes red is the same as the total number of children who likes green and

Section C

Questions 41 to 45 carry 4 marks each.
Do these word problems carefully.
Show your working in the space provided.

(Total: 20 marks)

41. Each ○ stands for 1 unit.



- a) The mass of a lemon is about _____ units.
- b) The mass of a strawberry is about _____ units.
- c) The mass of 2 pears is about _____ units.

66

42. Mrs Jones had 40 stamps.
She gave 15 stamps to Mary and 16 stamps to Peter.

(a) How many stamps were given to Mary and Peter?

$$\square \bigcirc \square = \square$$

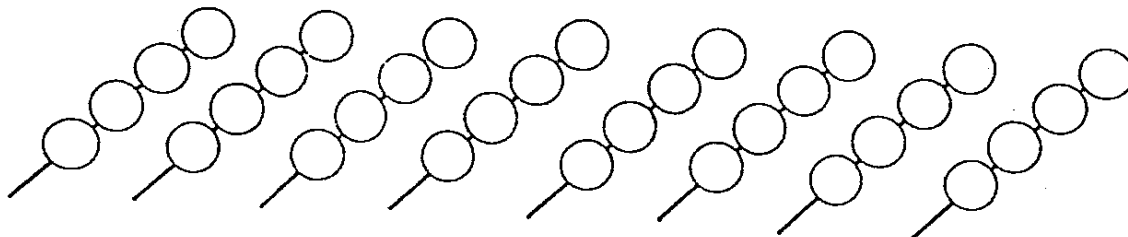
Mary and Peter were given _____ stamps.

(b) How many stamps did Mrs Jones have left?

$$\square \bigcirc \square = \square$$

Mrs Jones had _____ stamps left.

43. Devi had 8 sticks of fishballs.
She gave 3 sticks to Jane.
There were 4 fishballs on each stick.



- (a) How many fishballs did Jane receive?

$$\square \circ \square = \square$$

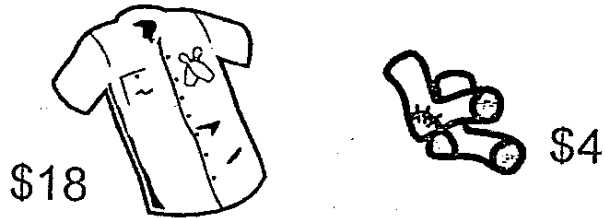
Jane received _____ fishballs.

- (b) How many fishballs had Devi left?

$$\square \circ \square = \square$$

Devi had _____ fishballs left.

44. Keng Seng bought a shirt and a pair of socks.
He gave the cashier some five-dollar notes and some one-dollar coins.



(a) How much did Keng Seng spend?

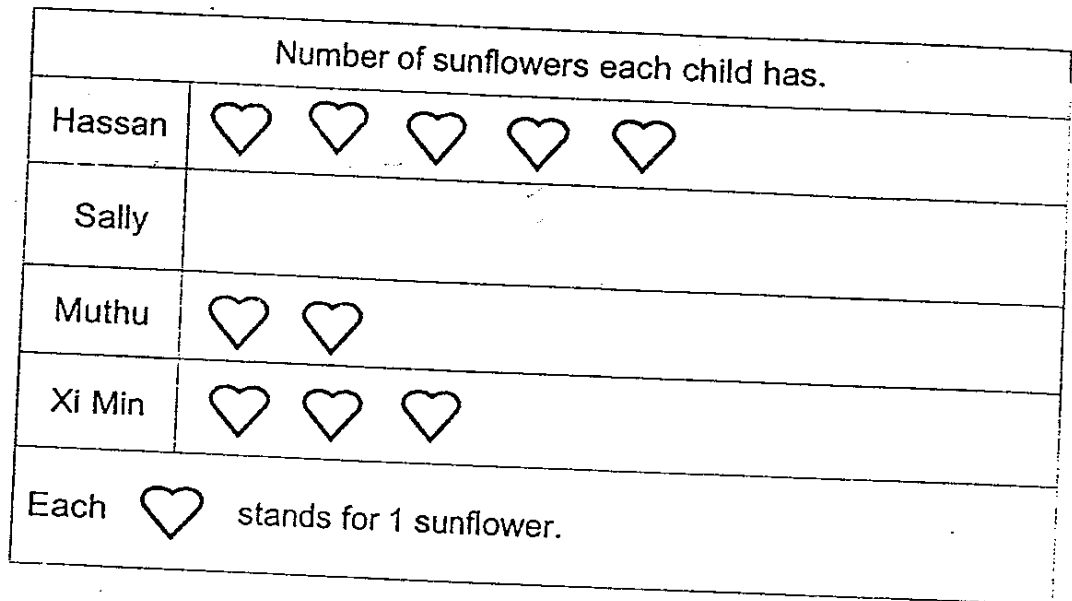
$$\$ \square \square \square \bigcirc \$ \square \square = \$ \square \square \square$$

He spent \$ _____.

(b) How many five-dollar notes and one-dollar coins did Keng Seng give the cashier?

He gave the cashier _____ five-dollar notes and
_____ one-dollar coins.

45. The picture graph below shows the number of sunflowers that 4 children have.



- a) The children have 14 sunflowers altogether. **Draw** the number of sunflowers Sally has in the above graph.
- (b) How many sunflowers do Xi Min and Hassan have altogether?

$$\square \bigcirc \square = \square$$

They have _____ sunflowers altogether.

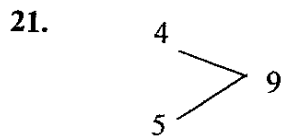
☺ *End of Paper* ☺
Please Check Carefully

Setters: Mdm Jean Lai
Mrs Stephanie Teng

Answer Sheets

Nanyang Pri 1 SA2 / 2006 Mathematics

- | | | | | |
|-------|-------|-------|-------|-------|
| 1) 1 | 2) 2 | 3) 1 | 4) 4 | 5) 2 |
| 6) 4 | 7) 4 | 8) 4 | 9) 3 | 10) 1 |
| 11) 2 | 12) 3 | 13) 3 | 14) 3 | 15) 2 |
| 16) 4 | 17) 1 | 18) 3 | 19) 4 | 20) 2 |



22. $2 + 5 = 7$ Pokemon cards
Min Guan has 7 Pokemon cards.

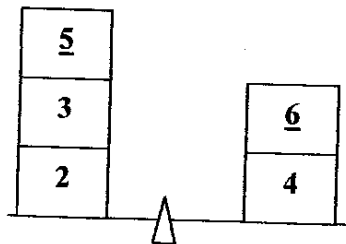
23. Shop B = $7 - 2 = 5$ beds
 $7 + 5 = \underline{12}$ beds

24. $5 - 3 = 2$
 $4 \div 2 = \underline{2}$ pairs of jogging shoes.
 $2 + 5 = 7$ jogging shoes
 $3 =$ ballet shoes
 $7 - 3 = 4$ more pairs

25. Left = $3 - 1 = 2$
Right = $4 - 3 = 1$
 $2 + 1 = 3$ hearts are hidden.

26. $17 - 6 = 11$ eggs.
She needs 11 more eggs

27.



28.



29. Ruler = $7 - 5 = 2$
shorter
 $2 \times 3 = 6$ shorter

30. Box B is the lightest
Box C is the heaviest

31. Set A = 6 marbles
 Set B = 10 marbles
 $10 - 6 = 4$ marbles
 $4 \div 2 = 2$ marbles

33. $64 - 35 = \underline{29}$

35. $7 \times 3 = 21$

37. 5 coupons = 3 stickers
 10 coupons = 6 stickers
 15 coupons = 9 stickers

39.

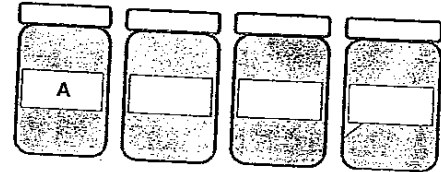


- 41a. Lemon = $6 - 2 = \underline{4}$ units
 41b. Strawberry = $4 - 2 = \underline{2}$ units
 41c. 1 pear = $9 - 2 = 7$ units
 7 pears = $7 \times 2 = \underline{14}$ units

- 42a. $15 + 16 = 31$ stamps
 Mary and Peter were given 31 stamps.

- 42b. $40 - 31 = 9$ stamps
 Mrs Jones had 9 stamps left.

32.

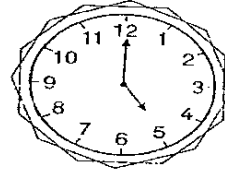


Least
 Jar A Jar D Jar B Jar C

34. $40 - 10 = 30$

36. 4 wheels = 1 car
 24 wheels = $24 \div 4$
 = 6 cars

38.



A

- 40a. Red = 6 children

- 40b. Yellow

43a. 1 stick = 4 fishballs.
3 sticks = $4 \times 3 = 12$ fishballs.
Jane received 12 fishballs.

43b. $8 \times 4 = 32$ fishballs
= $32 - 12$
= 20 fishballs left
Devi had 20 fishballs left.

44a. $\$18 + \$4 = \$22.00$
He spent \\$22.00

44b. $\$5.00 \times 4 = \20.00
 $\$1.00 \times 2 = \$ 2.00$
He gave 4 five-dollar notes and 2 one-dollar coins

45a. Sally = 

45b. $3 + 5 = 8$ sunflowers
They have 8 sunflowers altogether.