SINGAPORE CHINESE GIRLS' SCHOOL (PRIMARY)
FIRST SEMESTRAL ASSESSMENT 2011
PRIMARY 4
MATHEMATICS

Name _____ ( ) Marks: 100

Class: Primary 4SY

Time: 1 h 45 min Parent's Signature: _____

Section A: (30 marks)

Questions 1 to 15 carry 2 marks each. For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet.

1. In 76 285, the value of the digit 7 is _____.

   (1) 70 (2) 700

   (3) 7 000 (4) 70 000

2. Which of the following numbers when rounded off to the nearest ten becomes 61 800?

   (1) 61 777 (2) 61 795

   (3) 61 809 (4) 61 883

3. What is the remainder when 3 453 is divided by 7?

   (1) 1 (2) 2

   (3) 3 (4) 4

4. Which of the following is not a factor of 24?

   (1) 1 (2) 6

   (3) 12 (4) 48

5. Which letter below has perpendicular lines only?

L E A K

(1) L (2) A

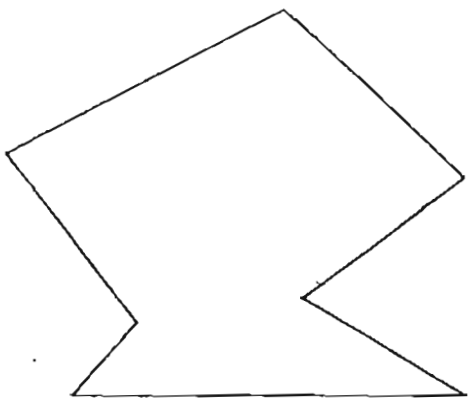
(3) K (4) E

6. Which of the following has the smallest value?

(1) $\frac{3}{5}$ (2) $\frac{3}{7}$

(3) $\frac{3}{8}$ (4) $\frac{3}{4}$

7. How many angles are there inside the figure?



(1) 5 (2) 7

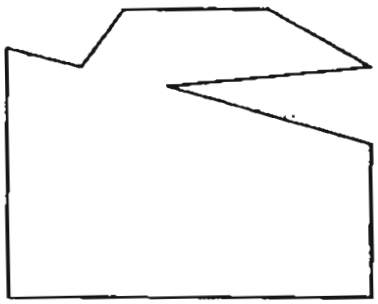
(3) 9 (4) 14

8. Find the difference between 18 000 and 5 400.

(1) 3 600 (2) 12 600

(3) 13 400 (4) 17 460

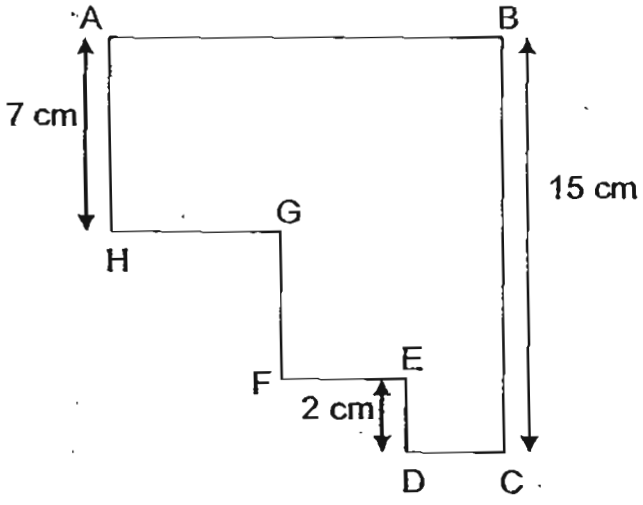
9. How many pairs of parallel lines are there in the diagram below?



(1) 1 (2) 2

(3) 3 (4) 4

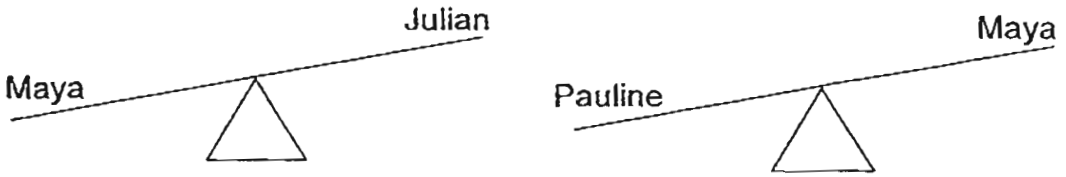
10. The figure below is not drawn to scale.
Find the length of the unknown side, GF.



(1) 6 cm (2) 8 cm

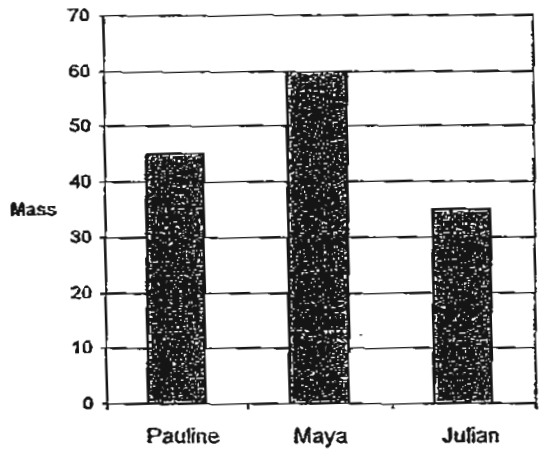
(3) 9 cm (4) 13 cm

11. Three children used a see-saw to compare how heavy they were.

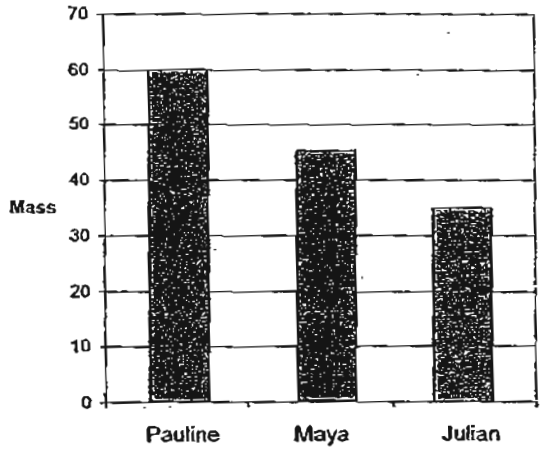


Which graph below best represents the mass of the children?

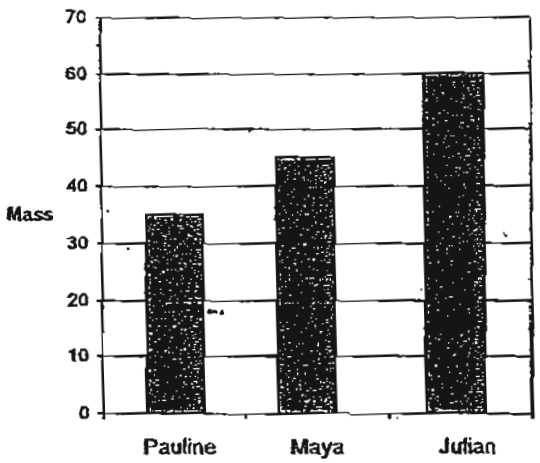
(1)



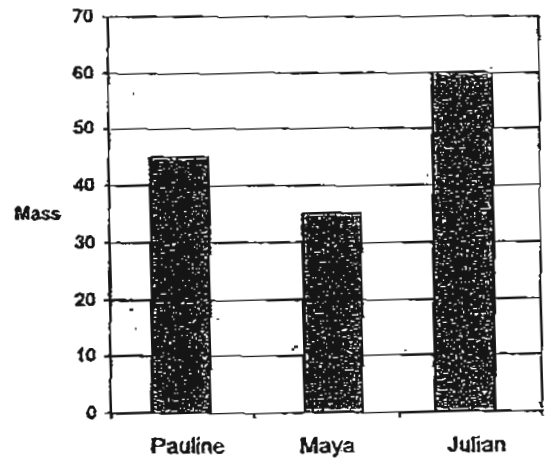
(2)



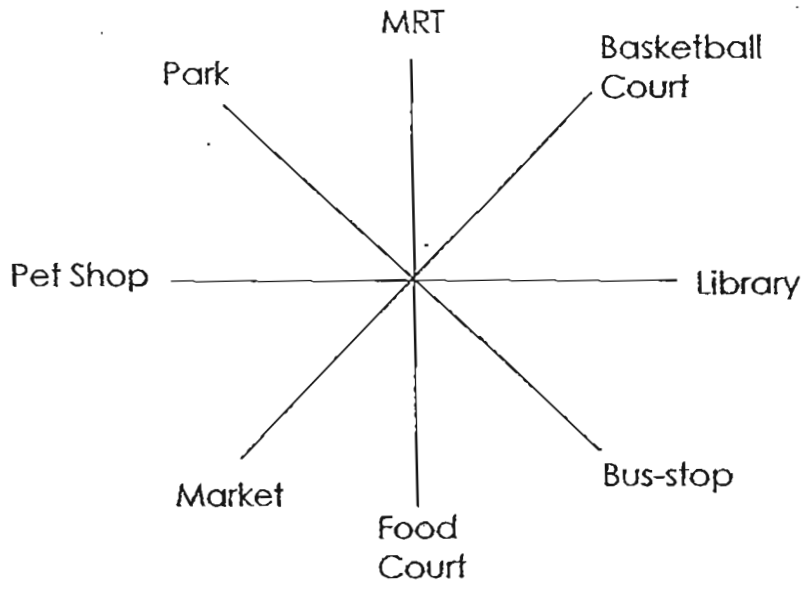
(3)



(4)



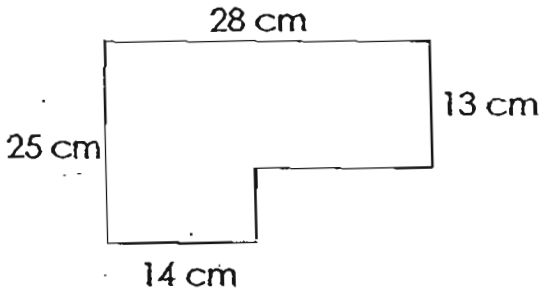
12. Study the figure below.



Mavis is now facing the food court. If she turns 225° in the clockwise direction, what will she be facing?

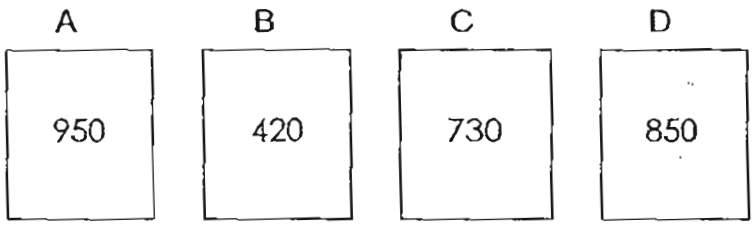
(1) Basketball Court
(2) Park
(3) Market
(4) Bus-stop

13. The figure below is not drawn to scale. What is its perimeter?



(1) 80 cm
(2) 94 cm
(3) 106 cm
(4) 532 cm

14. Round off the number in the cards A, B, C and D to the nearest 100.
Which of the following pairs of cards will give an estimated value of 1300 when their numbers are added up?



(1) A + B (2) B + C

(3) B + D (4) A + D

15. The sum of two numbers is 1000. Their difference is 400.
What is the smaller number?

(1) 300 (2) 400

(3) 600 (4) 700

Name : _____ ( )

Class: Primary 4

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Section B: (40 marks)

Questions 16 to 35 carry 2 marks each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

Do not write in this column

16. Write forty-two thousand and eighty in numerals.

Ans: _____

17. Fill in the blank with the correct number in the number pattern below.

38 110 ,	39 120 ,	40 130 ,	? ,	42 150

Ans: _____

18. Arrange these numbers from the smallest to the greatest.

78 509	70 859	70 985	78 059

Ans: _____ (*smallest*) , _____ , _____ , _____ (*greatest*)

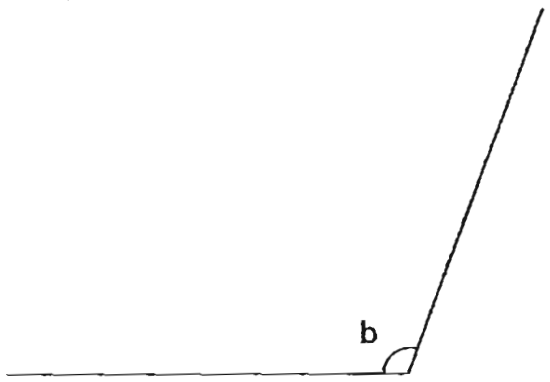
19. 718 x 12 = _____.

Ans: _____

8

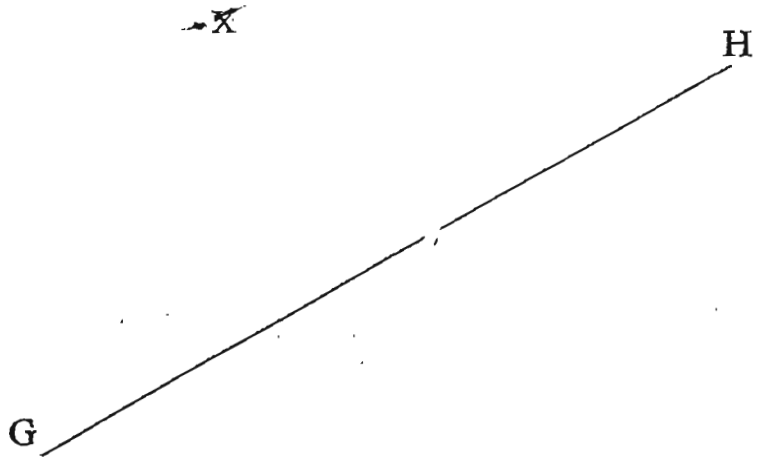
Do not write
In this colun

20. Measure ∠b.



Ans: _____ °

21. Draw a line parallel to line GH through point X.



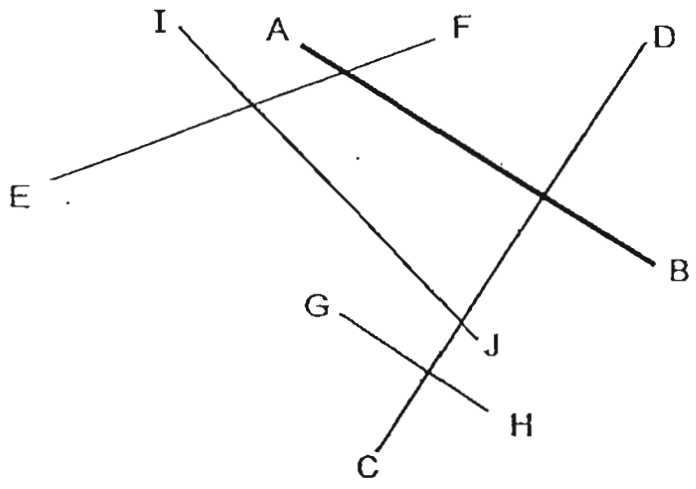
4

Do not write in this column

22. What is the 8^{th} multiple of 6?

Ans: _____

23. In the figure below, which line is parallel to AB?



Ans: _____

24. Find the sum of $\frac{5}{9}$ and $\frac{2}{3}$. Give your answer in its simplest form.

Ans: _____

6

25. Form the largest 5-digit odd number using all the digits shown below.

2,	6,	5,	7,	4

Ans: _____

Do not wri
In this col

26. The table below shows the favourite food of a group of children.
The number of children who like Duck Rice is twice as many as those who like Mee Goreng.
How many children like Mee Goreng?

Food	Number of children
Duck Rice	?
Chicken Chop	62
Mee Goreng	?
Roti Prata	90
Total	272

Ans: _____

27. Mrs. Wee had 128 packets of chocolate milk and some packets of banana milk. She packed all the packets of milk into 20 boxes.
If each box contained 12 packets of milk, how many packets of banana milk were there?

Ans: _____

6

Do not write in this colum

28. A number is a common multiple of 3 and 4.
It is an even number and is between 30 and 40.
What is the number?

Ans: _____

29. Lauren had a sum of money.
After spending $\frac{3}{8}$ of it on a book, she had $25 left.
How much money did she have at first?

Ans: $_____

30. At a funfair, oranges were sold at 4 for $3.50.
How much did Mrs Lim pay for 32 oranges?

Ans: $ _____

6

Do not write in this colum

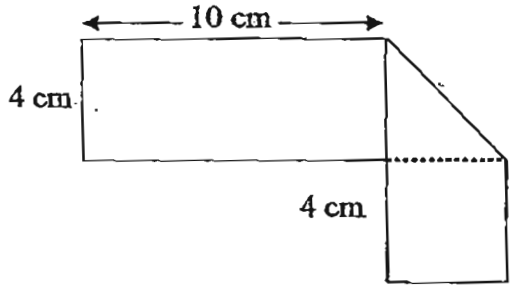
31. The perimeter of a square is 24 cm.
Find the length of the square.

Ans: _____cm

32. The cost of 1 football is the same as the cost of 3 tennis balls.
If Mr Ng buys 2 football and 4 tennis balls for $20, what is the cost of 1 tennis ball?

Ans: $_____

33. A rectangular piece of paper is folded to form the shape as shown below.
It is not drawn to scale.



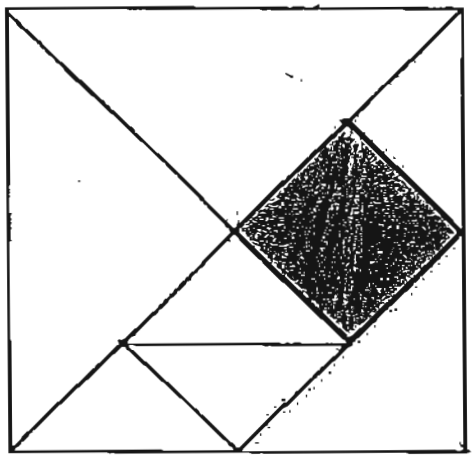
What is the area of the rectangular piece of paper?

Ans: _____cm^2

6

Do not write in this colum

34. The figure below is a square.
What fraction of the figure is shaded?



Ans: _____

35. Amy, Belinda and Carine had $110.

Amy and Belinda had the same amount of money.

Carine had $5 more than Belinda.

How much money did Amy have ?

Ans: $_____

4

Name : _____ ( )

Class: Primary 4

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Section C: (30 marks)

For each questions 36 to 43, show your workings clearly in the space provided for each question and write your answers in the spaces provided.
The number of marks available is shown in brackets [ ] at the end of each question or part-question.

Do not w
In this c

36. In a school, there were 300 more girls than boys.

When another 15 girls and 55 boys joined the school, the total enrolment of the school became 2 700.

How many boys were there at first?

Ans: _____ [3]

37. Amanda had 125 stickers.

After giving $\frac{1}{5}$ of the stickers to Zana and some to Tina, she had 20 stickers left.

How many stickers did she give to Tina?

Ans: _____ [3]

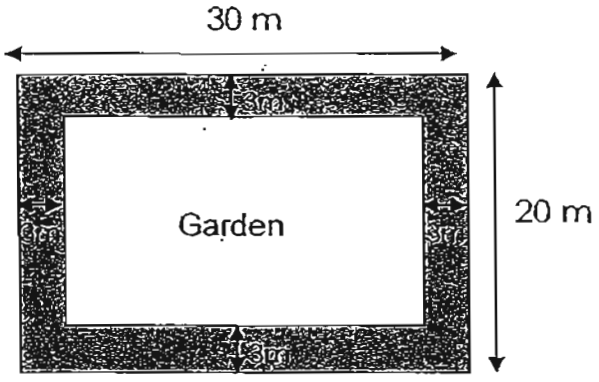
6

Do not write
In this column

38. The diagram below is not drawn to scale.

It shows a rectangular garden surrounded by a path of equal width of 3m.

What is the area of the rectangular garden?



Ans: _____ [3]

39. Catherine had 112 more beads than Winna.

After Winna had given Catherine 31 beads, Catherine had 7 times as many beads as Winna.

How many beads did Winna have at first?

Ans: _____ [3]

6

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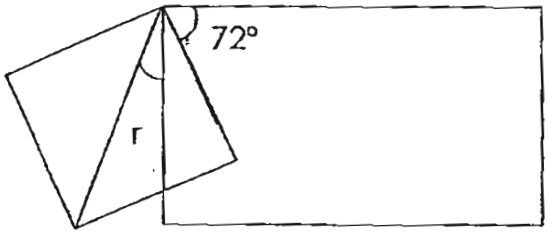
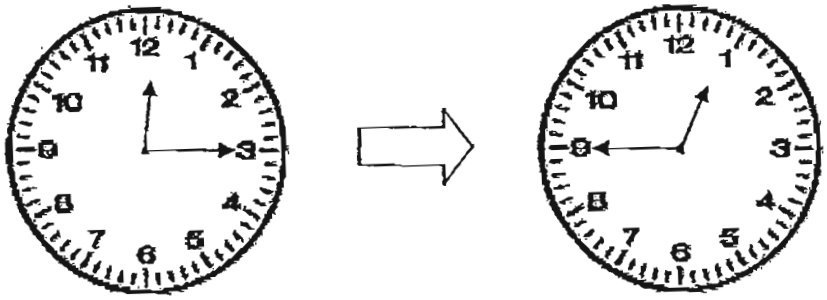
40a. A square and a rectangle (not drawn to scale) are shown below.

Find $\angle$ r.



40b. Look at the clocks below.
How many **right angles** has the minute hand moved?



Ans: (a) _____ [3]

(b) _____ [1]

4

41. Regina had a bag of coins.

If she put the coins in groups of 6, she would have 5 extra coins.

If she put the coins in groups of 5, she would have 2 extra coins.

What was the minimum number of coins in the bag?

Do not write in this column

Ans: _____ [4]

4

Do not write in this colum

42. A blouse costs $14 more than a skirt.

A skirt costs $12 more than a dress.

The total cost of 2 such blouses, 2 such skirts and 2 such dresses is $232.

What is the cost of a blouse?

Ans: _____ [5]

5

Do not write In this column

43. Rose and Isabella had 856 stamps altogether.

They decided to play a game.

In the first round, Isabella lost 58 stamps to Rose.

In the second round, Rose lost 38 stamps to Isabella.

At the end of the two rounds, Isabella had thrice as many stamps as Rose.

(a) How many stamps did Rose have at the end?

(b) How many stamps did Isabella have at the beginning of the game?

Ans: (a) _____ [2]

(b) _____ [3]

5

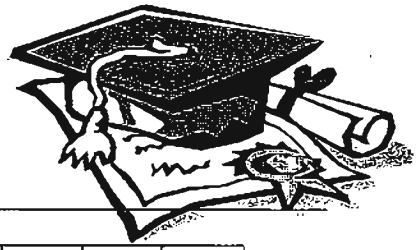
END OF PAPER

ANSWER SHEET

EXAM PAPER 2011

SCHOOL : SCGS
SUBJECT : PRIMARY 4 MATHEAMATICS

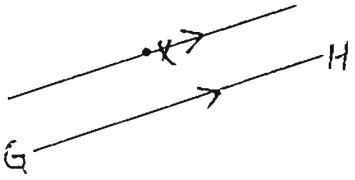
TERM : SA1



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

16)42080 17)41140 18)70859, 70985, 78059, 78509

19)8616 20)110° 21)



22)48 23)GH

24)$1\frac{2}{9}$ 25)76425

26)40 children 27)112 packets of banana milk 28)36 29)$40

30)$28 31)6cm 32)$2 33)72cm2 34)1/8 35)$35

36)300 + 15 = 315
315 + 55 = 370
2700 – 370 = 2330
2u→2330
1u→2330÷2 = 1165

37)125÷5 = 25
1u→25
25 + 20 = 45
125 – 45 = 80

38)336m2

39)6u→112 + 31 + 31
= 112 + 62 = 174
1u→174÷6 = 29
W→29 + 31 = 60

40)a)90 – 72 = 18
90÷2 = 45
45 – 18 = 27°
b)2

41)17

42)$232 – (12+12+12+12+14+14)
=$232 – (24+24+28)
= $232 – (48 + 28)
= $232 - $76 = $156
6u→$156
1u→$156÷6 = $26
D→$26
S→$26 + $12 = $38
B→$38 + $14 = $52

43)a)4u→856
1u→214
R→214
b)I→214 x 3 = 642
642 + 58 = 700
700 – 38 = 662