



NANYANG PRIMARY SCHOOL
SECOND SEMESTRAL EXAMINATION
2007

PRIMARY 2
MATHEMATICS

DURATION: 1 HOUR 30 MINUTES

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

Total:	/ 100
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Name: _____ ()

Class: Primary 2 ()

Date: 31 October 2007

Parent's Signature: _____

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

FOLLOW ALL INSTRUCTIONS CAREFULLY.

ANSWER ALL QUESTIONS.

Section A

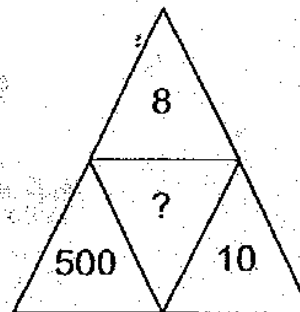
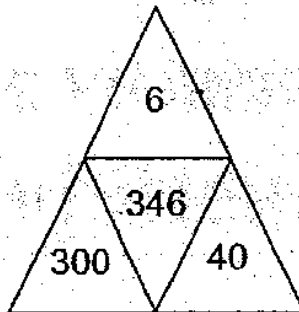
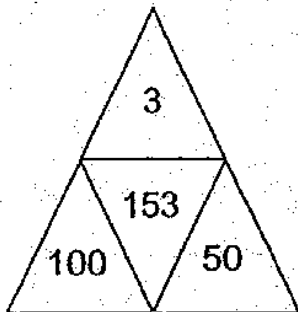
Questions 1 to 20 carry 2 marks each.

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. Study the number pattern below.
What is the missing number?



- (1) 185
(3) 581

- (2) 518
(4) 851

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2. Mr Lim sold 57 vanilla doughnuts and 176 chocolate doughnuts. How many doughnuts did he sell altogether?

- (1) 119
(3) 223

- (2) 123
(4) 233

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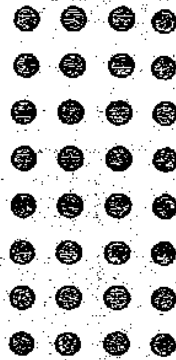
3. In a crate of 479 apples, 45 of them were rotten. Mrs Tan threw away all the rotten apples and sold 224 apples. How many apples were left in the crate?

- (1) 210
(3) 434

- (2) 255
(4) 748

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7. Which of the following represents the diagram below?



(1) $8 + 4$

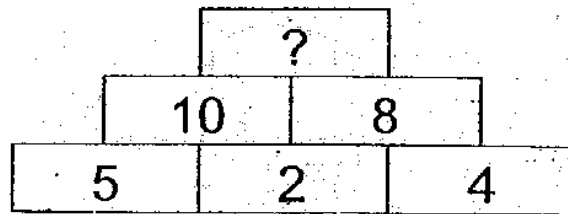
(2) 8×4

(3) $8 - 4$

(4) $8 \div 4$

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8. What is the missing number in the box?



(1) 18

(2) 2

(3) 29

(4) 80

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9. Cathy sold 5 packets of sweets on Monday. She sold 3 more packets of sweets on Monday than on Tuesday. If there were 5 sweets in each packet, how many sweets were sold on Tuesday?

(1) 10

(2) 13

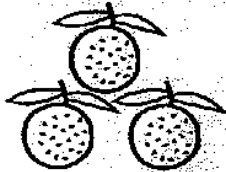
(3) 15

(4) 40

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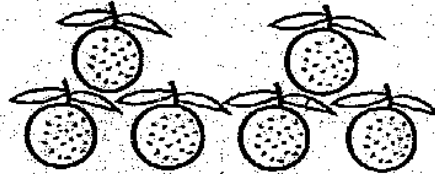
Study the pictures below and answer Q10 and Q11.

Store A



3 for \$1

Store B



6 for \$2.40

10. Mary bought 6 oranges from Store A.
Nina bought 6 oranges from Store B.
How much more money did Nina spend than Mary?

(1) \$0.40

(2) \$1.40

(3) \$3.40

(4) \$4.40

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11. Xiaoling bought 12 oranges from Store B.
She gave the cashier a 5-dollar note.
How much change did she get?

(1) \$0.20

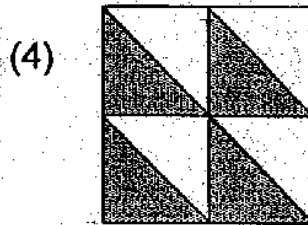
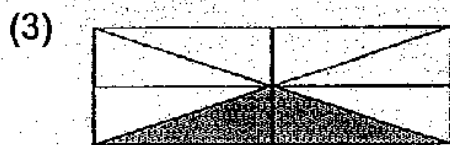
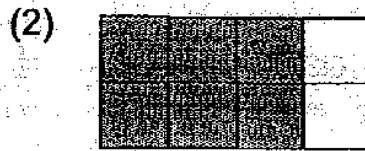
(2) \$0.60

(3) \$1.20

(4) \$2.60

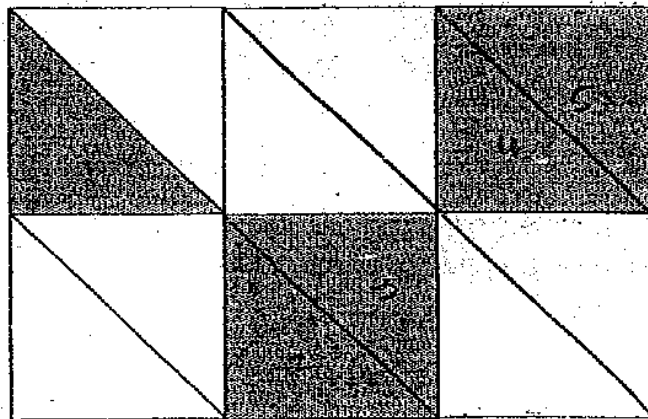
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12. Which of the following figures is $\frac{1}{4}$ shaded?



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13. What fraction of the figure is shaded?



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

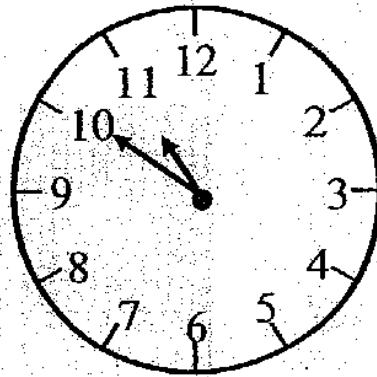
(2) $\frac{3}{6}$

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

(4) $\frac{5}{12}$

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

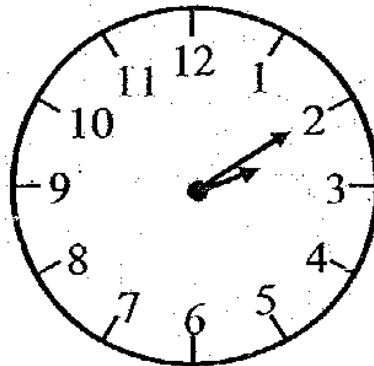


- (1) 10.10
- (3) 11.10

- (2) 10.50
- (4) 11.50

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15. The clock below shows the time Devi started her Art lesson. Her Art lesson ended at 4.25 p.m. How long was her Art lesson?



- (1) 2 h 10 min
- (3) 2 h 25 min

- (2) 2 h 15 min
- (4) 6 h 35 min

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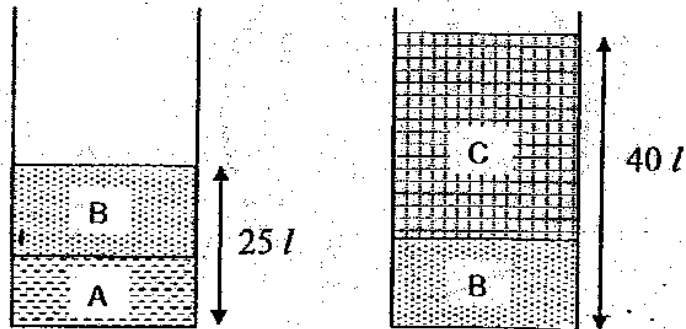
16. Tank A contains 16 litres of oil. Tank B contains 12 more litres of oil than Tank A. How many litres of oil do both tanks contain in all?

- (1) 20
- (3) 34

- (2) 28
- (4) 44

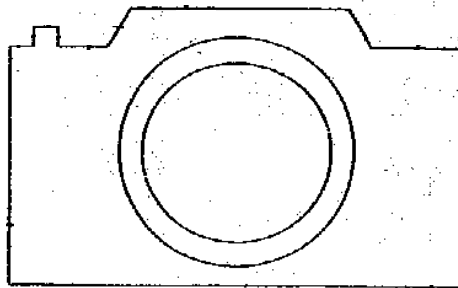
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17. Three liquids, which do not mix, are poured separately into two containers as shown below. If the volume of Liquid A is 12 l, what is the volume of Liquid C in the container?



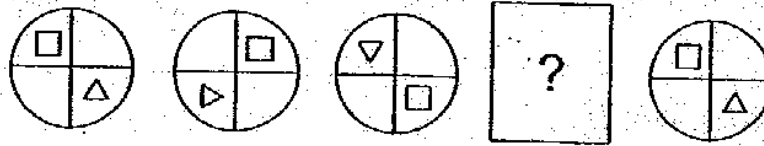
- (1) 13 l (2) 15 l
(3) 27 l (4) 65 l ()

18. How many curves and straight lines are there in the figure below?



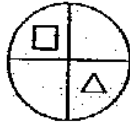
- (1) 1 curve, 13 straight lines
(2) 2 curves, 11 straight lines
(3) 1 curve, 12 straight lines
(4) 2 curves, 12 straight lines ()

19. Study the pattern below.

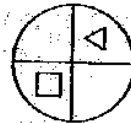


What is the missing figure?

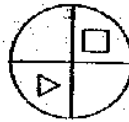
(1)



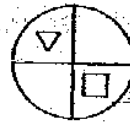
(2)



(3)









(4)



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20. The graph below shows the number of pupils borrowing books from the class library from Monday to Friday.

Monday	
Tuesday	
Wednesday	
Thursday	
Friday	
Each 	stands for 5 pupils.

How many pupils borrowed books from Wednesday to Friday?

(1) 15

(2) 20

(3) 75

(4) 100

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Section B

Questions 21 to 40 carry 2 marks each.

Write your answers in the spaces provided.

Give your answer in the units stated.

(Total: 40 marks)

21a) Write 549 in words.

b) Write one thousand in numerals.

Answer: _____

22. Write "more than", "less than" or "equal to" in the box below.

890 ones is

8 hundreds 9 tens.

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

$$623 + 98 = \boxed{?}$$

Answer: _____

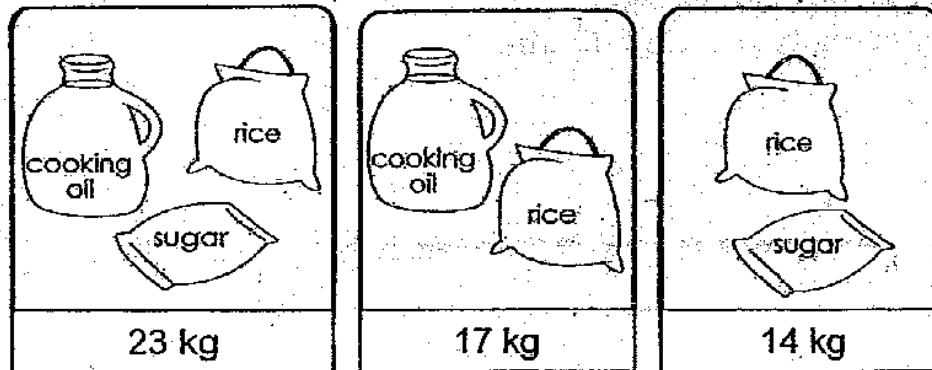
24. There are 747 passengers in a train.
At the next station, 249 passengers get off the train.
How many passengers are there left in the train now?

Answer: _____

25. Cindy had a piece of cloth which was 934 cm long. She used 606 cm of it to make a curtain and 129 cm of it to make a blouse. How much cloth had she left?

Answer : _____ cm

26. Study the pictures below. What is the total mass of 2 bottles of cooking oil, 2 bags of rice and 1 bag of sugar?



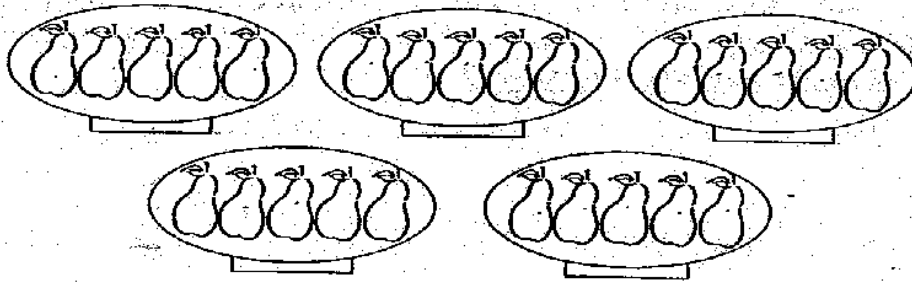
Answer : _____ kg

27. What is the missing number in the box?

$$\boxed{?} + 4 = 3 \times 5$$

Answer : _____

28. Study the pictures below.
Write a division sentence.

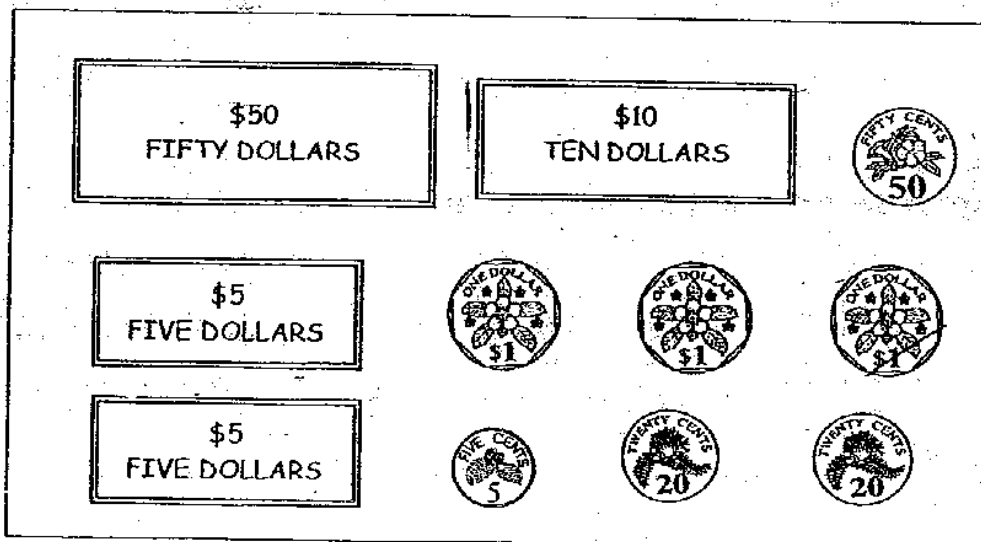


$$\square \div \bigcirc = \square$$

29. A group of pupils went camping.
There were 16 girls and 20 boys.
4 pupils formed a team.
How many teams were there?

Answer : _____

30. Circle the notes and coins that make \$67.50.



31. Fill in the boxes.

a) $418¢ = \$$

b) $\$10.05 =$ $¢$

32. Arrange the following fractions beginning with the smallest.

$$\frac{1}{4}$$

$$\frac{1}{8}$$

$$\frac{1}{12}$$

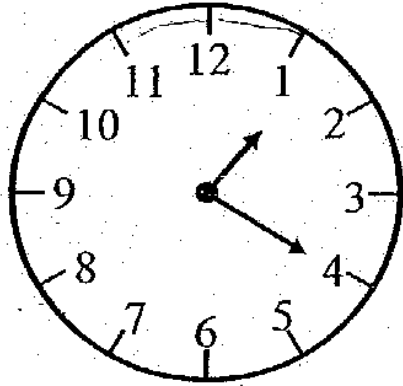
$$\frac{1}{10}$$

33. What are the missing fractions?

a) $\frac{1}{8} + \frac{2}{8} + \boxed{?} = \frac{7}{8}$ Answer: _____

b) $1 - \frac{5}{6} = \boxed{?}$ Answer: _____

34. The Wong family is at the zoo now.
 The time is 1.20 p.m.
 They arrived at the zoo 3 hours ago.
 What time did they arrive at the zoo?

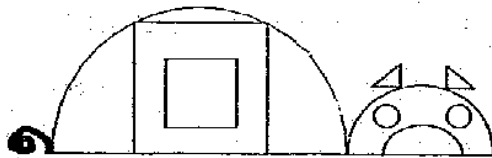


Answer: _____

35. There are 52 litres of water in the tank.
 16 litres of water are used.
 How many litres of water are left in the tank now?

Answer: _____ litres

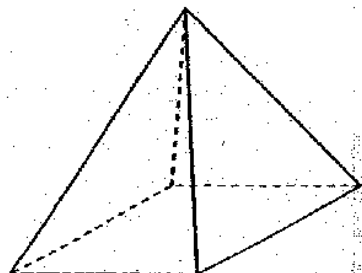
36. Study the picture below carefully.
 How many semicircles and circles are there?



Answer: _____ semicircle(s)

_____ circle(s)

37. Study the solid below.
How many flat and curved faces does it have?

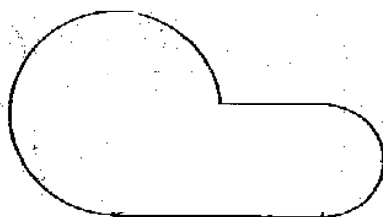


Answer : _____ flat face(s)
_____ curved face(s)

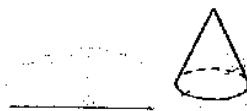
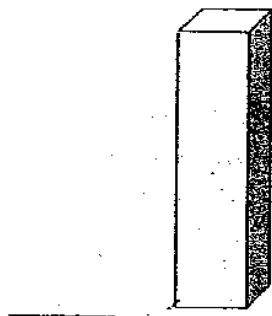
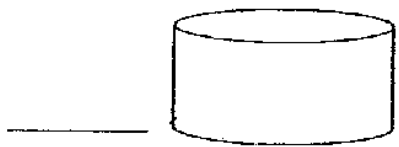
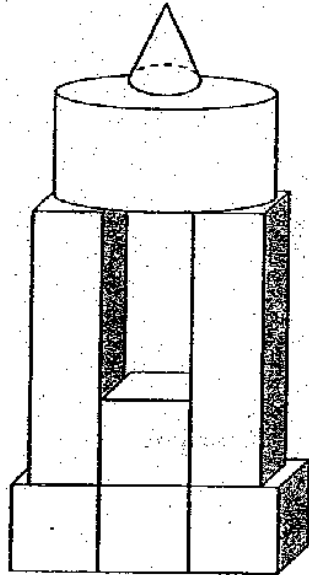
38. I am a 3-digit even number.
My digits are 4, 0 and 3.
I am bigger than 400.
What number am I?

Answer : _____

39. In the figure below, use a ruler to draw straight lines to show that it is made up of 5 quarter circles and 2 triangles only.



40. The figure below is made up of 4 different solids.
How many of each solid are used to form the figure?
Fill in the blanks below with the correct numbers.



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)

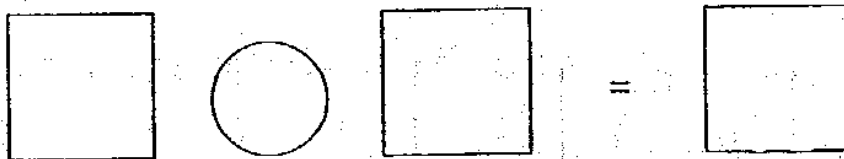
41. Mrs Lee bought 348 chicken buns for a party.
She bought 187 more fish buns than chicken buns.

- a) How many fish buns did she buy?



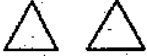


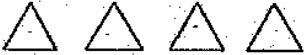

She bought _____ fish buns.


- b) How many buns did she buy altogether?



She bought _____ buns altogether.

42. The picture graph below shows the number of marbles Ali and his 4 friends have.

Ali	
Bala	
Chin Hong	
David	
Ethan	
Each  stands for 2 marbles.	

- a) Ali has 10 fewer marbles than Chin Hong. Complete the graph above by drawing  (s) to show the number of marbles Ali has.

- b) Which two boys have 12 marbles altogether?

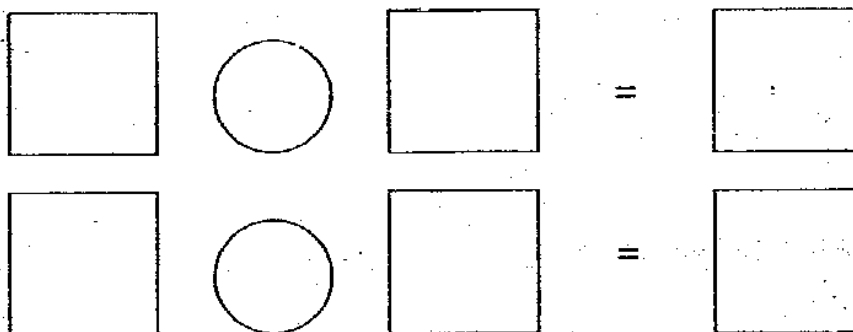
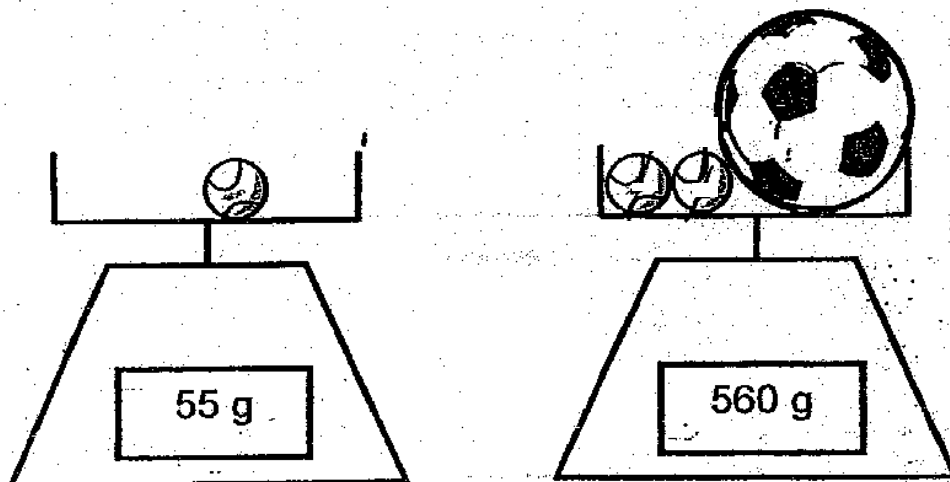
_____ and _____ have 12 marbles altogether.

- c) How many more marbles does Chin Hong have than David?



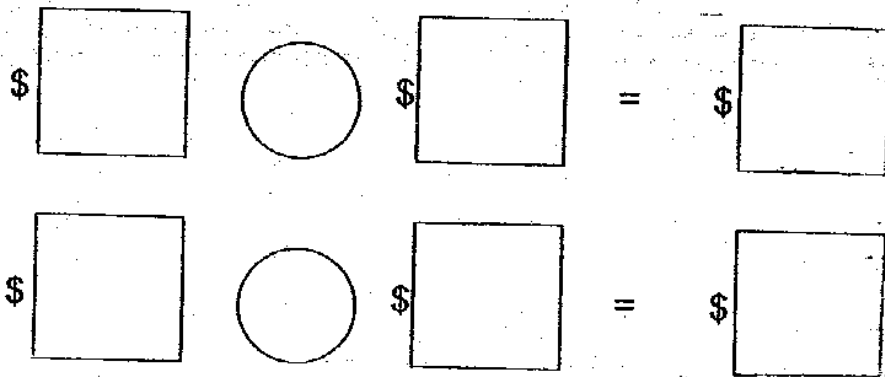
Chin Hong has _____ more marbles than David.

43. Study the pictures below.
Find the mass of the football.



The mass of the football is _____ g.

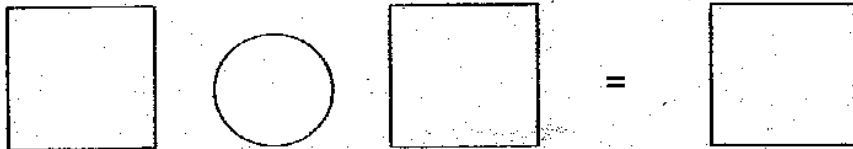
44. Ahmad bought a flask and a pot for \$34.80.
The pot cost \$14.80.
If he bought one more such flask, how much would he have to pay in all?



He would have to pay \$ _____ in all.

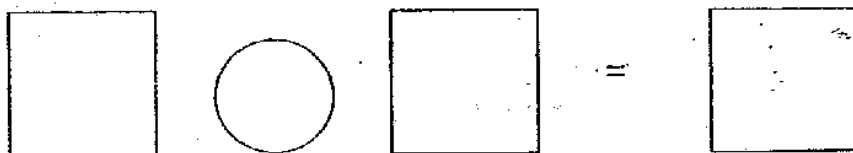
45. Miss Wee takes 3 hours to make a skirt.

a) How long does she take to make 3 such skirts?



She takes _____ hours to make 3 skirts.

b) If she makes 3 skirts a day, how many hours does she work in 5 days?



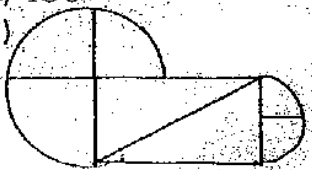
She works _____ hours in 5 days.

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Please Check Carefully

Setters: Mdm Siti
Mdm Leong Shuet Lai

ANSWER SHEET

NANYANG PRIMARY SCHOOL - PRIMARY 2 MATHEMATICS 2007
SEMESTRAL ASSESSMENT (2)

1. 2
2. 4
3. 1
4. 1
5. 3
6. 3
7. 2
8. 4
9. 1
10. 1
11. 1
12. 3
13. 4
14. 2
15. 2
16. 4
17. 3
18. 4
19. 2
20. 3
21. a) Five hundred and forty-nine
b) 1000
22. equal to
23. 721
24. 498
25. 199cm
26. 40kg
27. 11
28. $25 \div 5 = 5$
29. 9
30. \$50, \$10, \$5, \$1, \$1, \$0.50
31) a) \$4.18
b) 1005 cent
32) $1/12, 1/10, 1/8, 1/4$
33) a) $4/8$
b) $1/6$
34) 10.20a.m.
35) 36 litres
36) 3semicircle
2circle
37) 5 flat face
0curved face
38) 430
39)

40) 1 , 4
2 , 1

41) a) $348+187=535$

She bought 535 fish buns.

b) $535+348=883$

She bought 883 buns altogether.

42) a) Ali $\triangle\triangle\triangle$

b) Bala and Ethan.

c) $16-12=4$

Chin Hong has 4 more marbles than David.

43) $55+55=110$

$560-110=450$

The mass of the football is 450g.

44) $\$34.80-\$14.80=\$20.00$

$\$34.80+\$20.00=\$54.80$

He would have to pay \$54.80 in all.

45) a) $3 \times 3=9$

She takes 9 hours to make 3 skirts

b) $9 \times 5=45$

She works 45 hours in 5 days.