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

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.

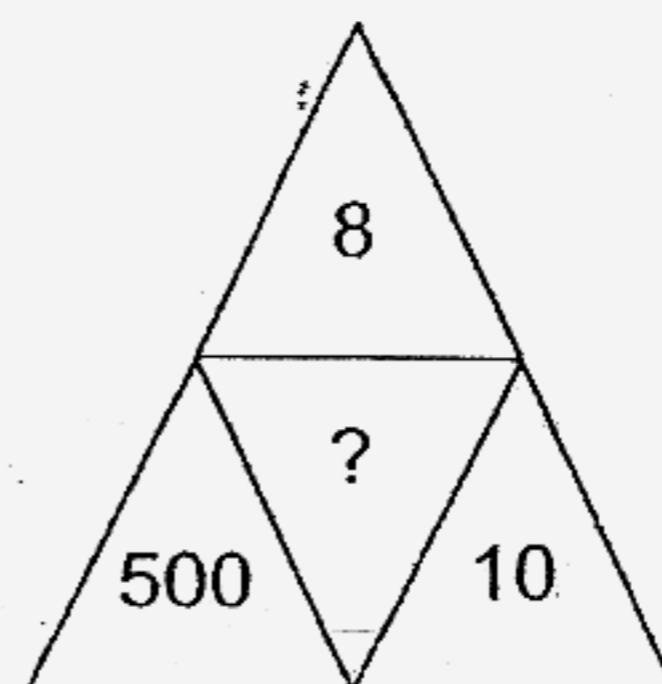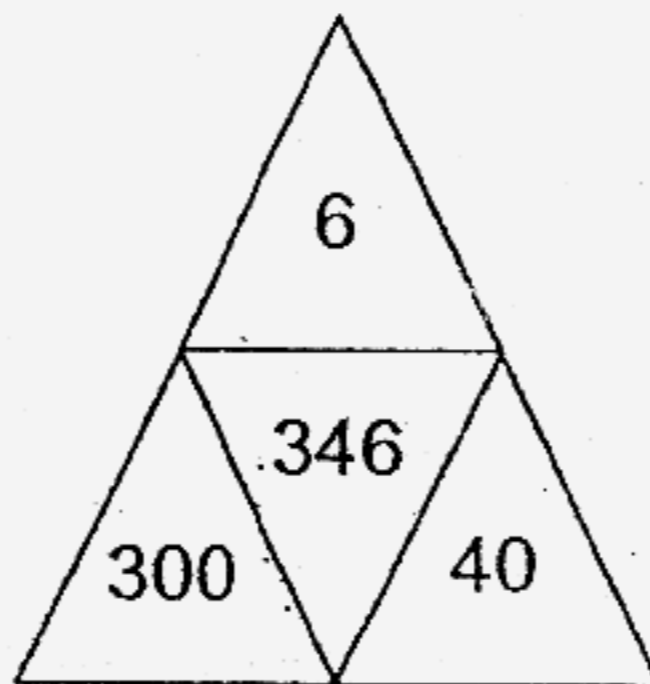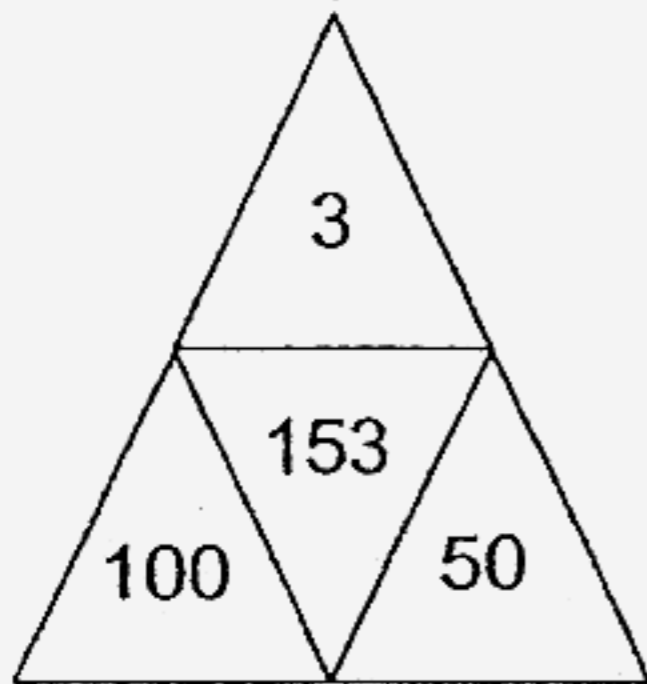ANSWER ALL QUESTIONS.

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   (2)   518
      (3)   581   (4)   851   (   )

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

      (1)   119   (2)   123
      (3)   223   (4)   233   (   )

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   (2)   255
      (3)   434   (4)   748   (   )

1

4. The shorter pencil is _____ cm long.

(1) 8   (2) 9
(3) 14   (4) 16   (   )

5. The mass of the mango is _____ g.

(1) 103   (2) 207
(3) 130   (4) 270   (   )

6. A monster has 7 eyes.
How many eyes do 2 such monsters have?

(1) 5   (2) 9
(3) 14   (4) 16   (   )

7. Which of the following represents the diagram below?

⊜ ⊜ ⊜ ⊜
⊜ ⊜ ⊜ ⊜
⊜ ⊜ ⊜ ⊜
⊜ ⊜ ⊜ ⊜
⊜ ⊜ ⊜ ⊜
⊜ ⊜ ⊜ ⊜
⊜ ⊜ ⊜ ⊜
⊜ ⊜ ⊜ ⊜

(1)   8 + 4   (2)   8 × 4
(3)   8 - 4   (4)   8 ÷ 4   (   )

8. What is the missing number in the box?

?
10	8
5	2	4
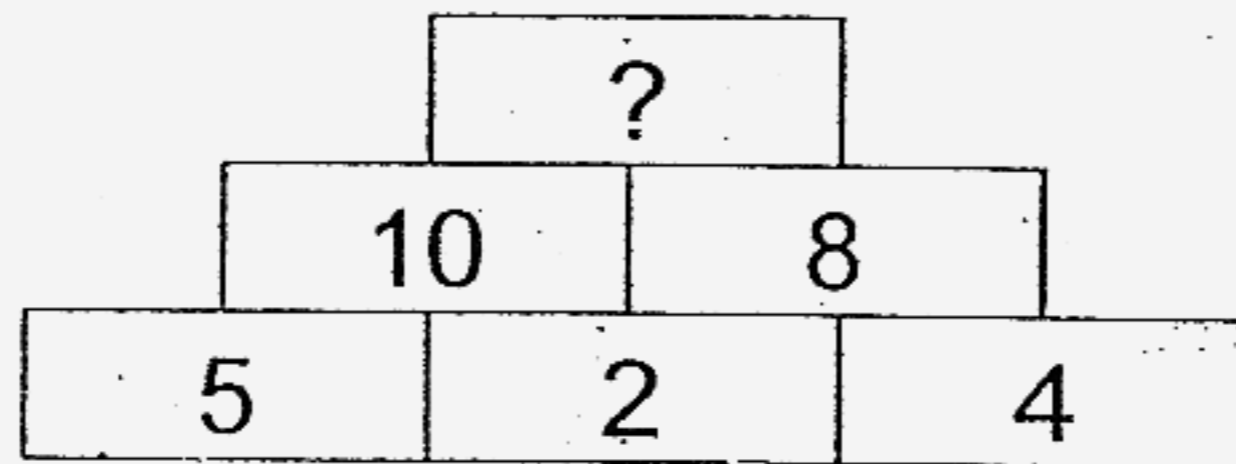
(1)   18   (2)   2
(3)   29   (4)   80   (   )

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   (   )

3

Study the pictures below and answer Q10 and Q11.

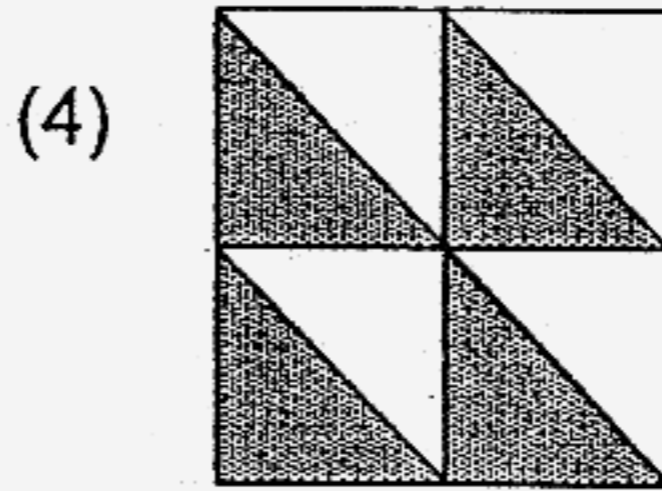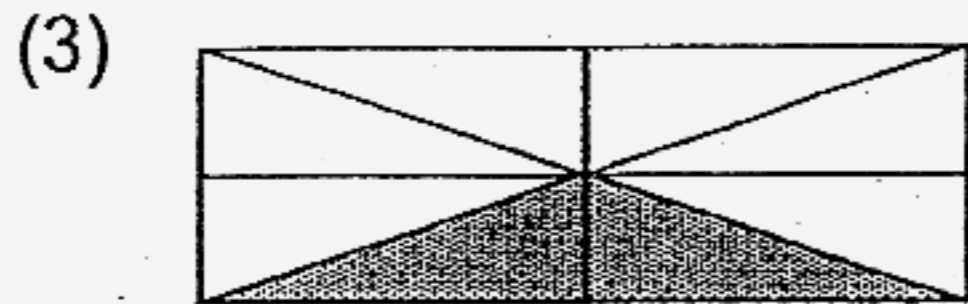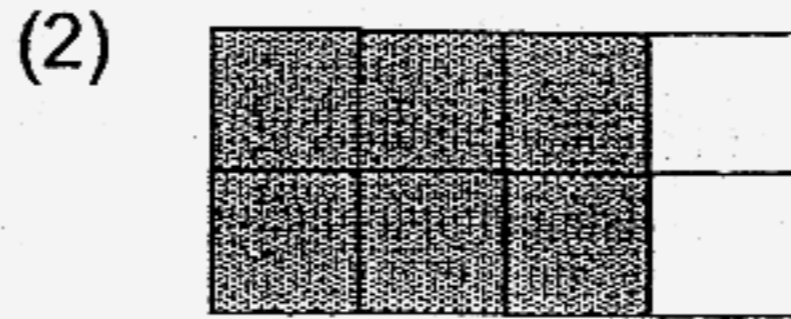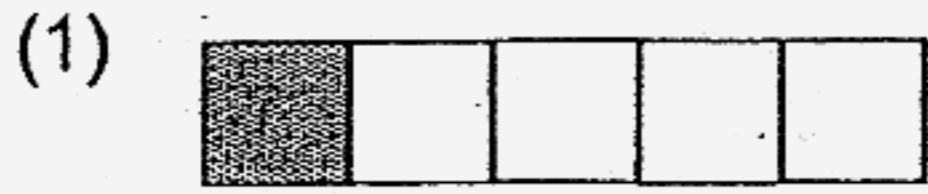| Store A	Store B
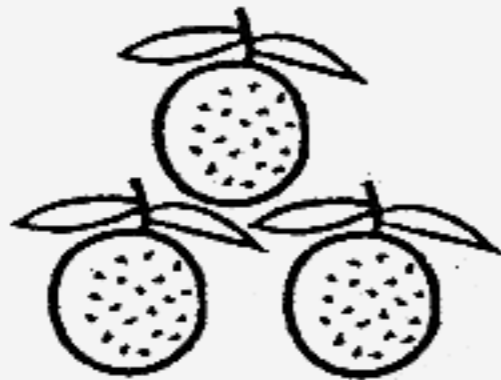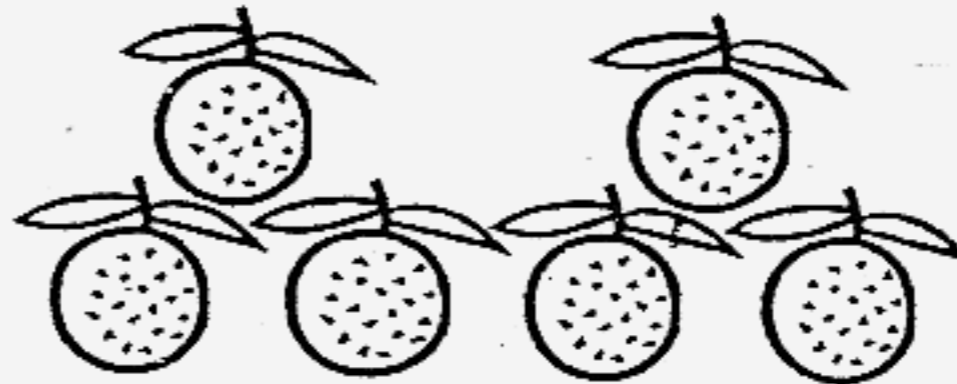
3 for $1   6 for $2.40

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   (   )

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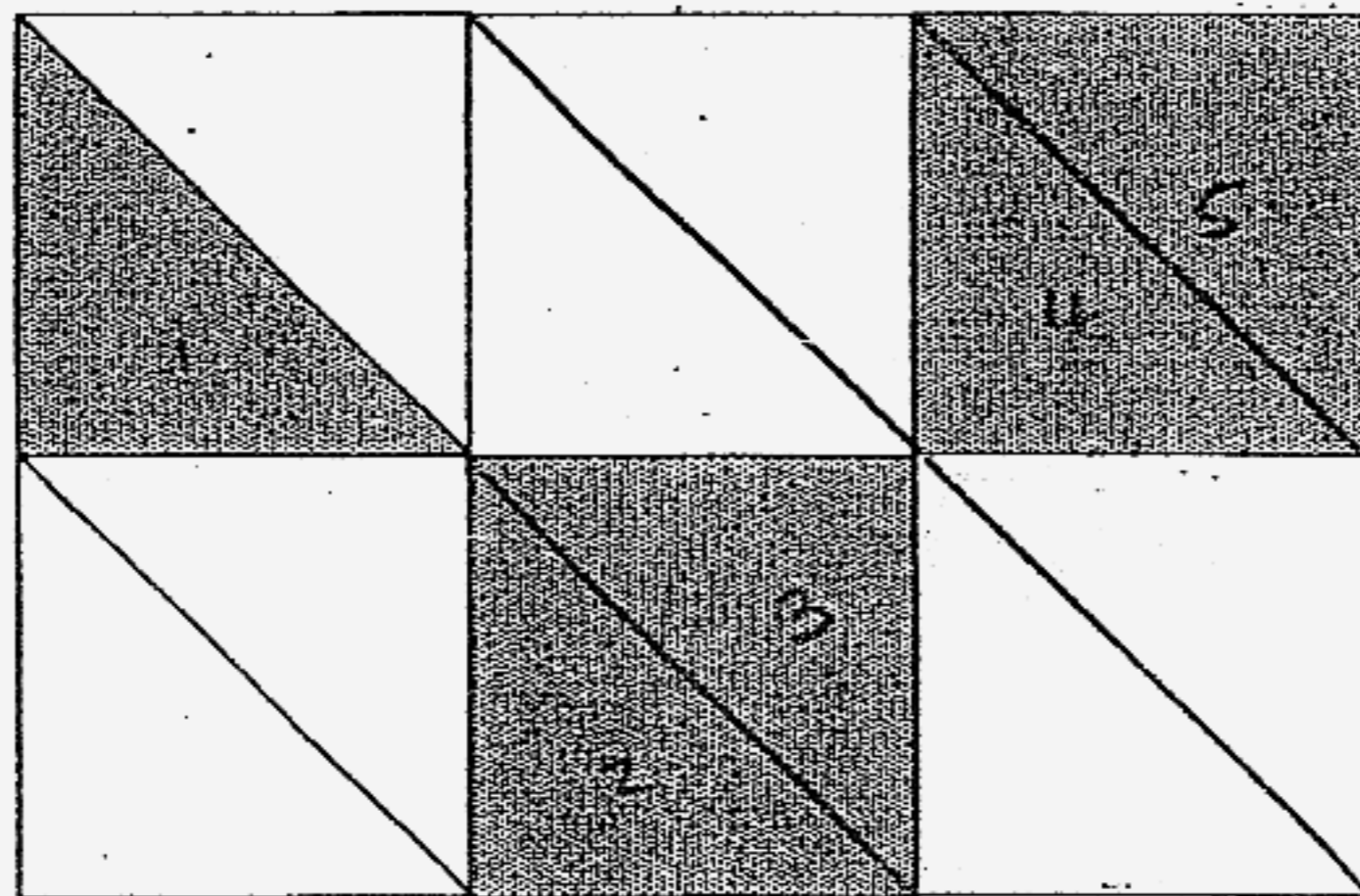   She gave the cashier a 5-dollar note.
    How much change did she get?

    (1) $0.20   (2) $0.60
    (3) $1.20   (4) $2.60   (   )

4

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

(1)   (2)

(3)   (4)

(   )

13. What fraction of the figure is shaded?

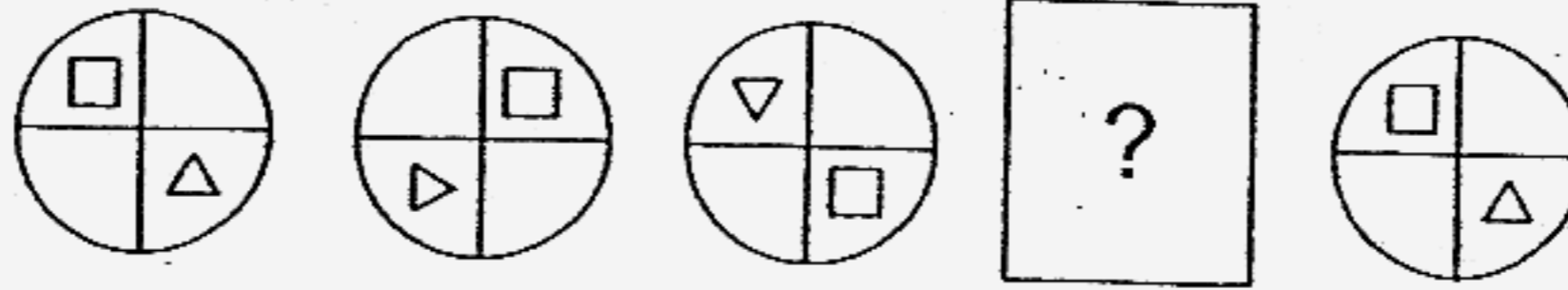(1) $\frac{1}{3}$ (2) $\frac{3}{6}$
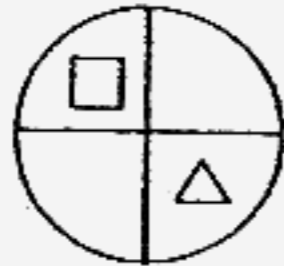
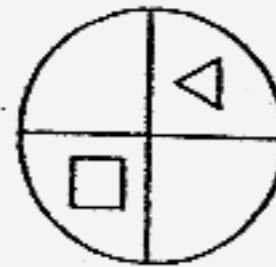(3) $\frac{3}{8}$ (4) $\frac{5}{12}$

(   )

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

   (1)   10.10   (2)   10.50
   (3)   11.10   (4)   11.50   (   )

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   (2)   2 h 15 min
   (3)   2 h 25 min   (4)   6 h 35 min   (   )

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   (2)   28
   (3)   34   (4)   44   (   )

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

( )

7

19. Study the pattern below.

What is the missing figure?

(1)

(2)

(3)
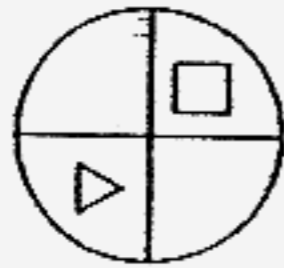
(4)

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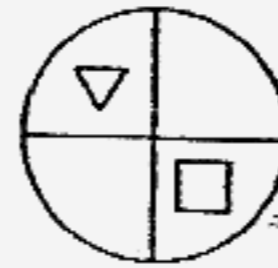
20. The graph below shows the number of pupils borrowing books from the class library from Monday to Friday.

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

( )

8

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 : _____

9

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
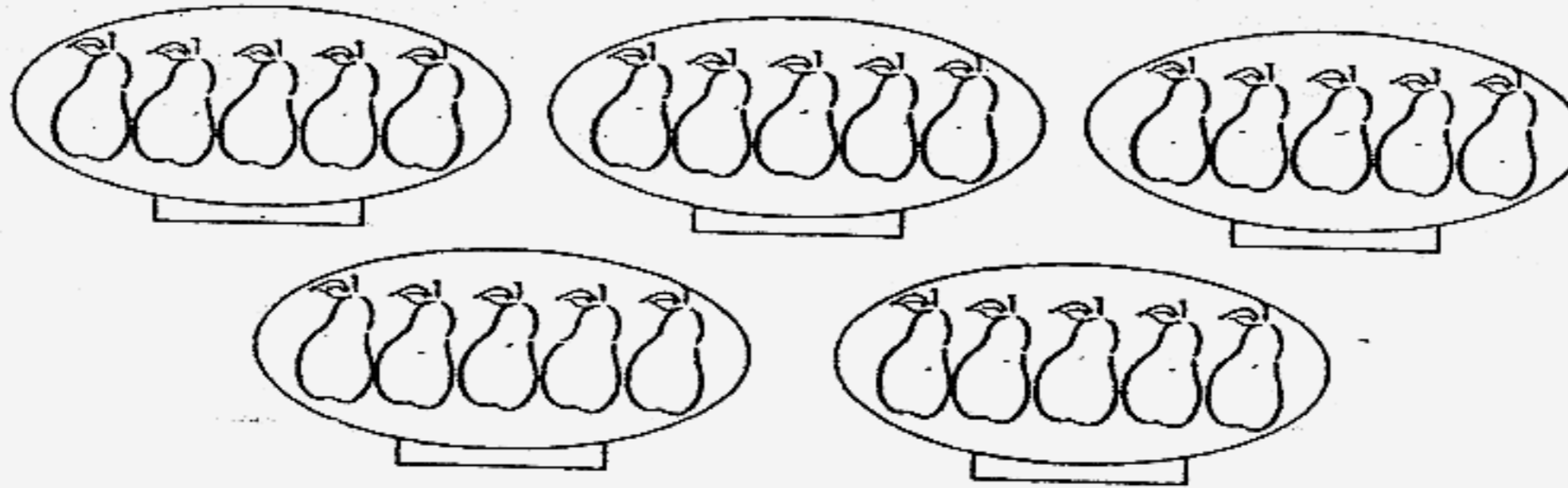   rice and 1 bag of sugar?

    | 23 kg | 17 kg | 14 kg |
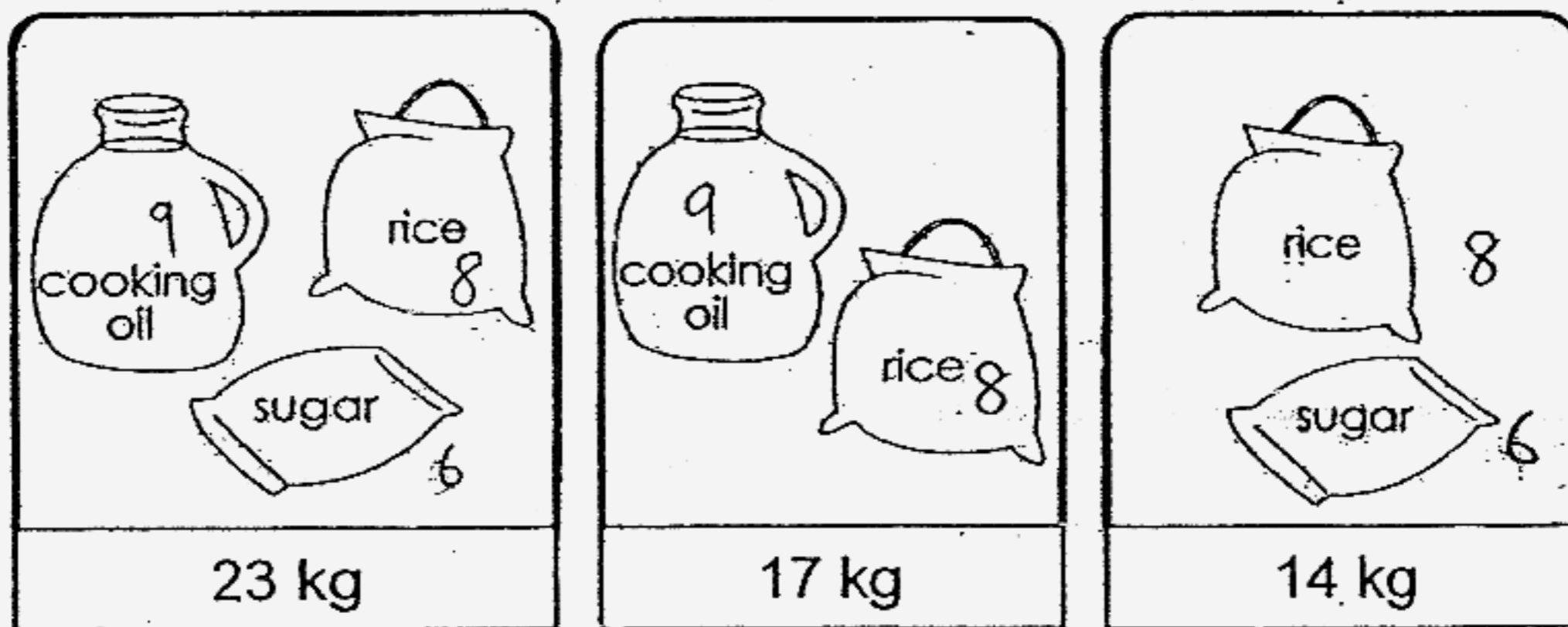
    Answer : _____ kg

27. What is the missing number in the box?

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

    Answer : _____

10

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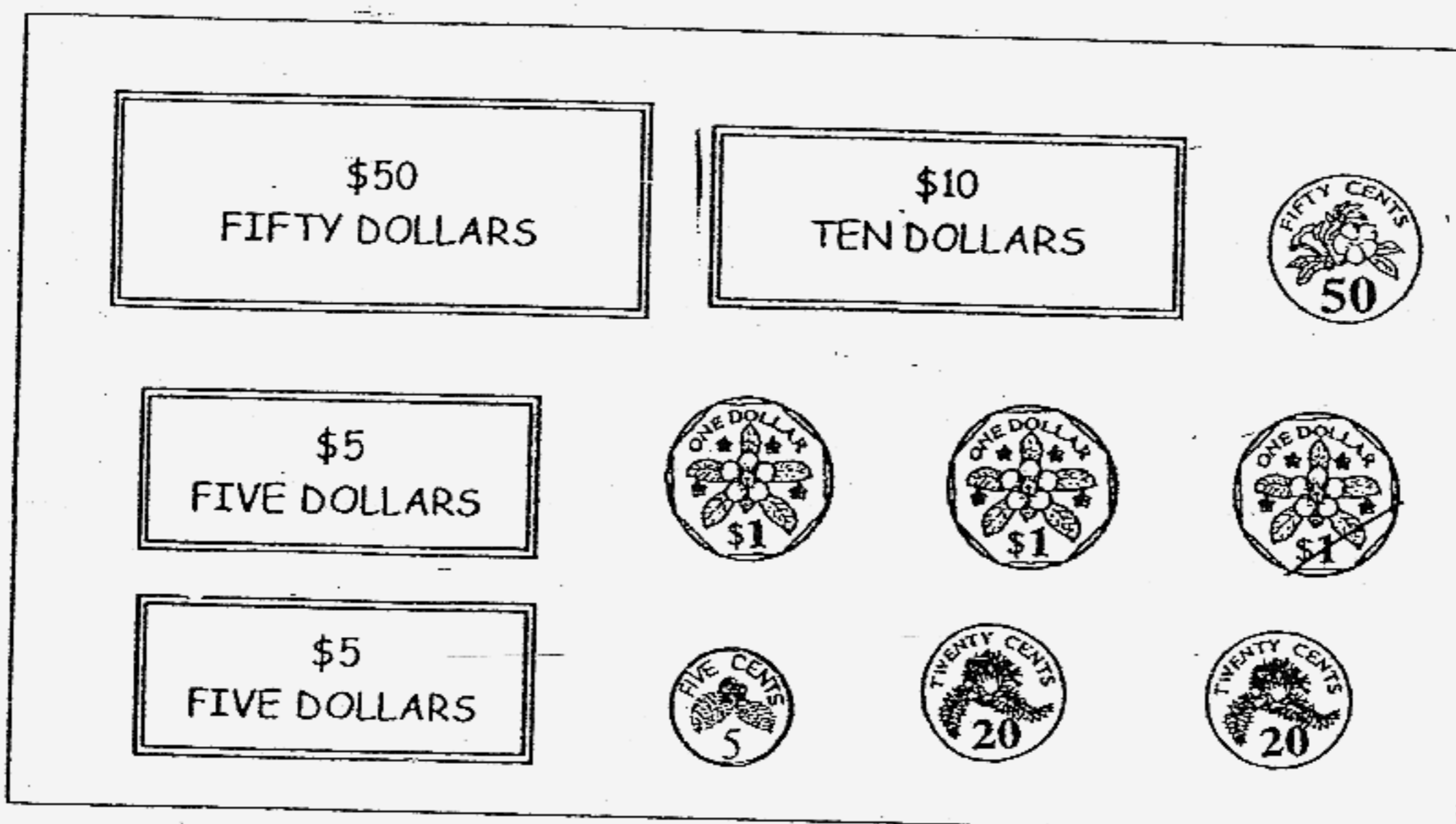

□ ◯ □ = □

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 : _____
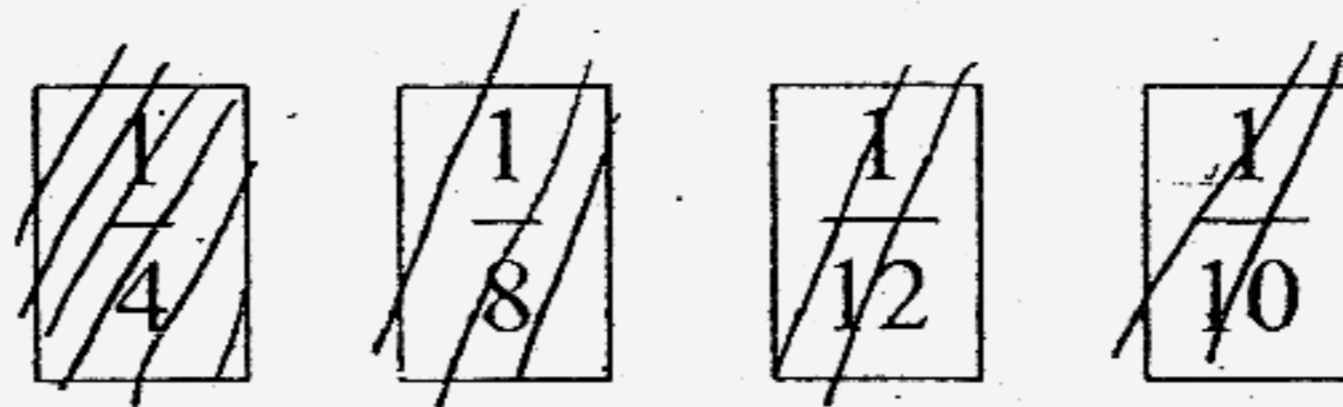
30. **Circle** the notes and coins that make $67.50.

11

31. Fill in the boxes.

a) 418¢ = $

b) $10.05 = [   ] ¢

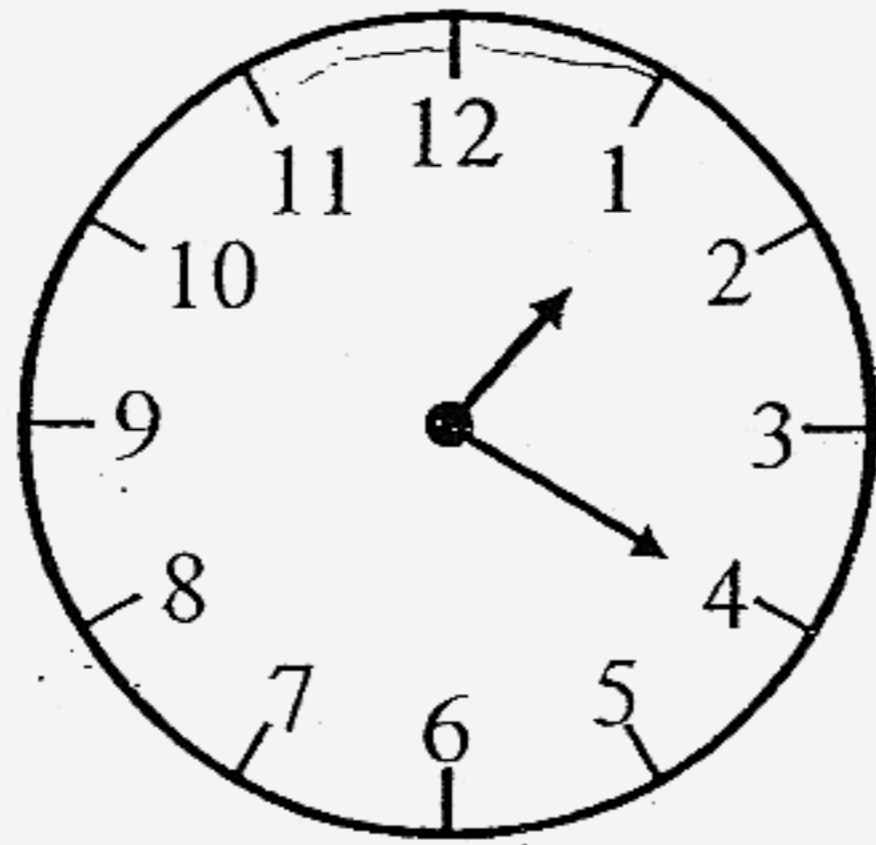32. Arrange the following fractions beginning with the smallest.

$\frac{1}{4}$ $\frac{1}{8}$ $\frac{1}{12}$ $\frac{1}{10}$

_____ , _____ , _____ , _____

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?
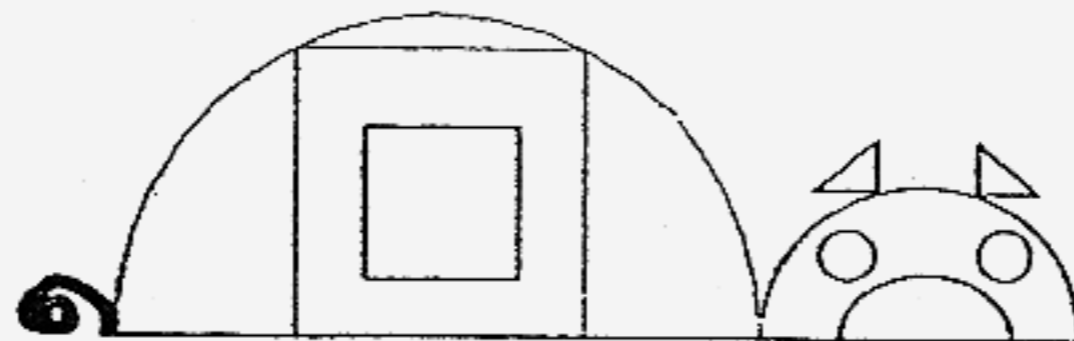

Answer : _____

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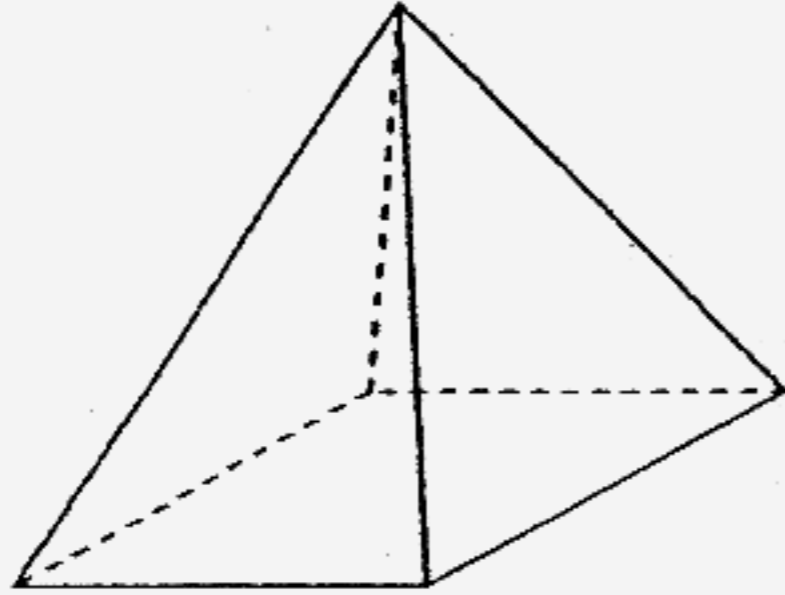How many litres of water are left in the tank now?

Answer : _____ litres

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

Answer : _____ semicircle(s)

_____ circle(s)

13

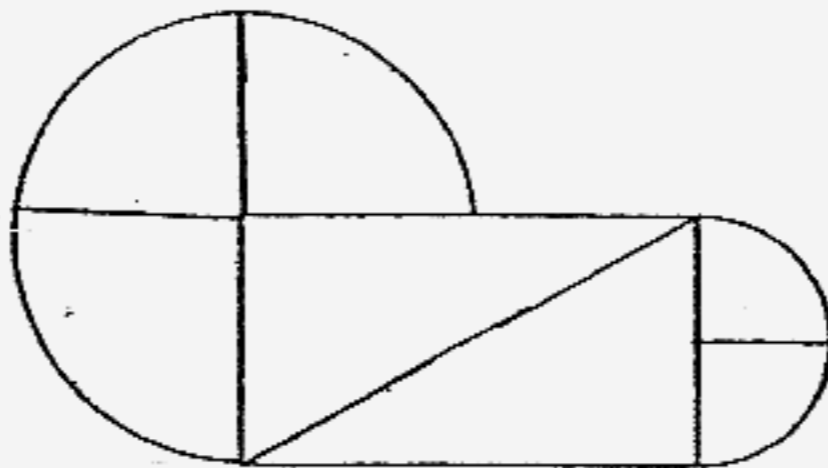37. Study the solid below.
How many flat and curved faces does it have?


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.

14

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.

_____ (cylinder)   _____ (cube)

_____ (rectangular prism)   _____ (cone)

15
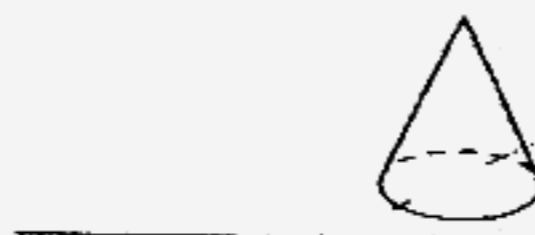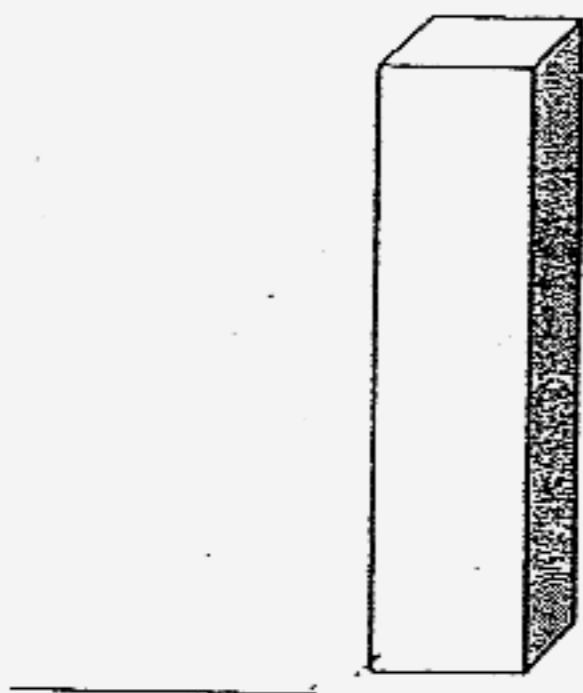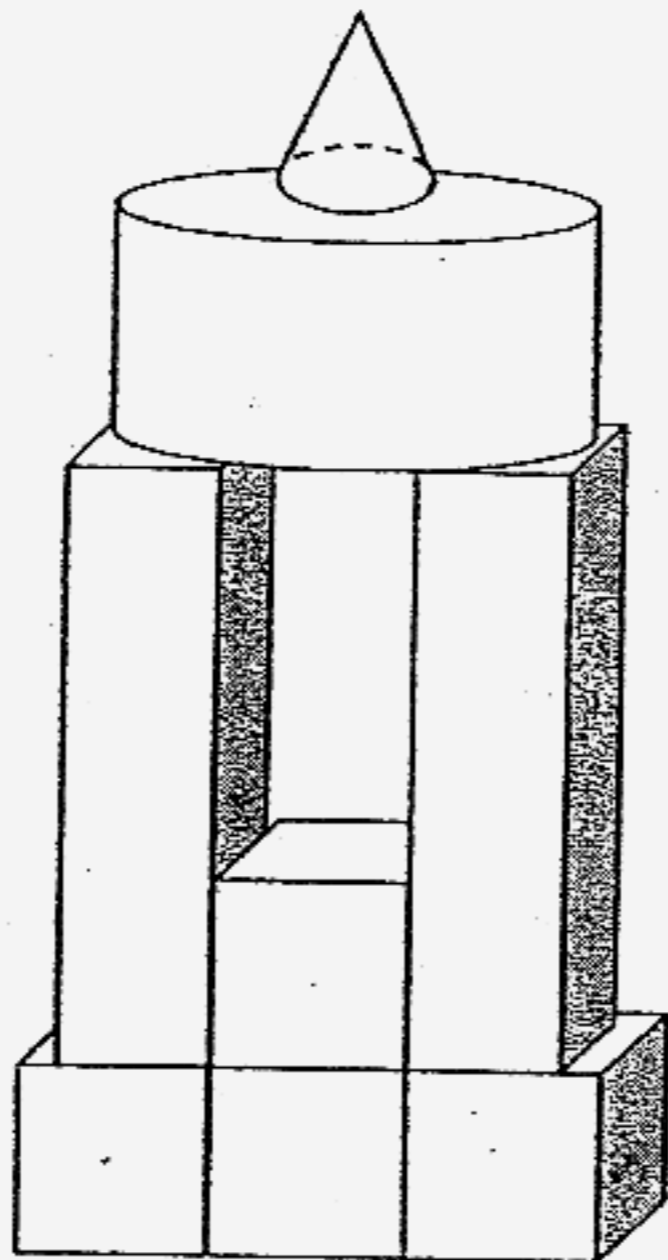
Section C

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?

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

She bought _____ fish buns.
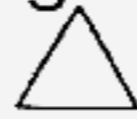
b) How many buns did she buy altogether?

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

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?

☐ ◯ ☐ = ☐
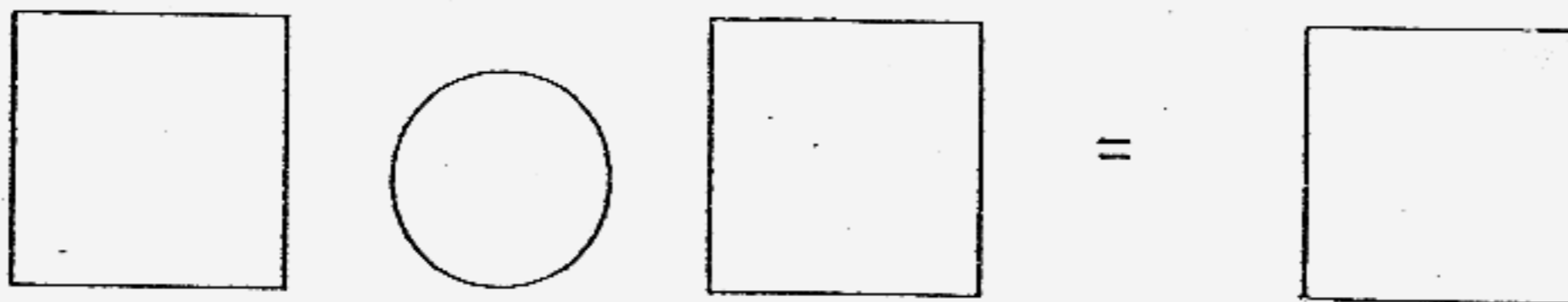
Chin Hong has _____ more marbles than David.

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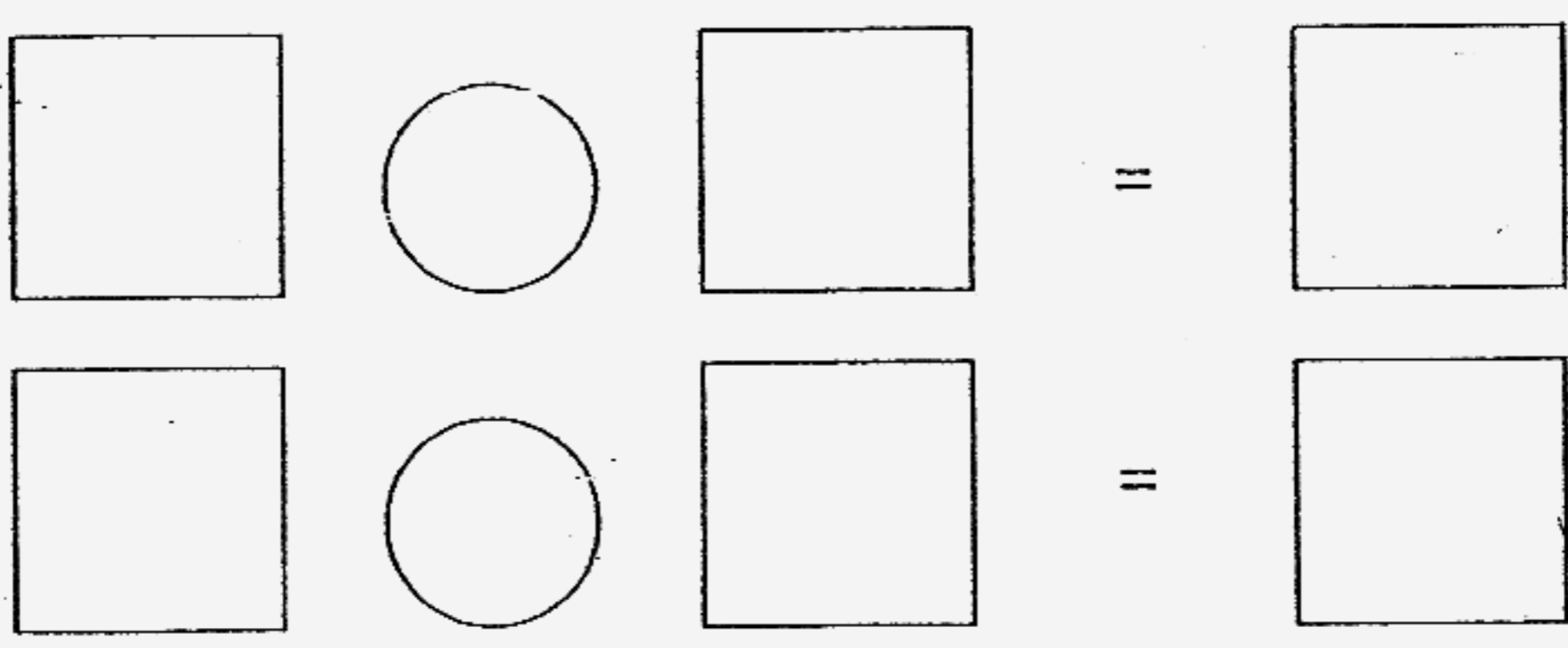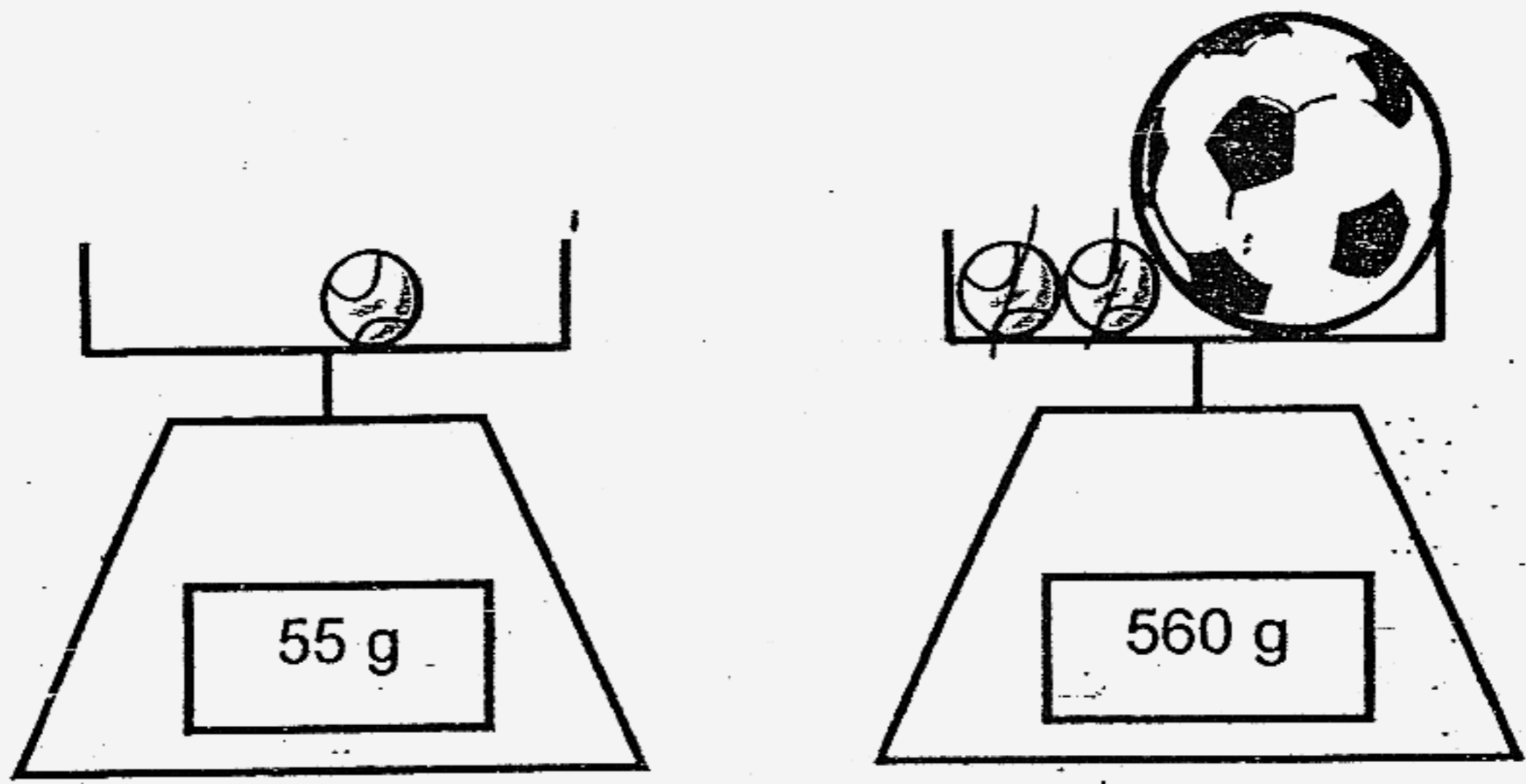

The mass of the football is _____ g.

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?

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

$\$\ \square\ \bigcirc\ \$\ \square\ =\ \$\ \square$
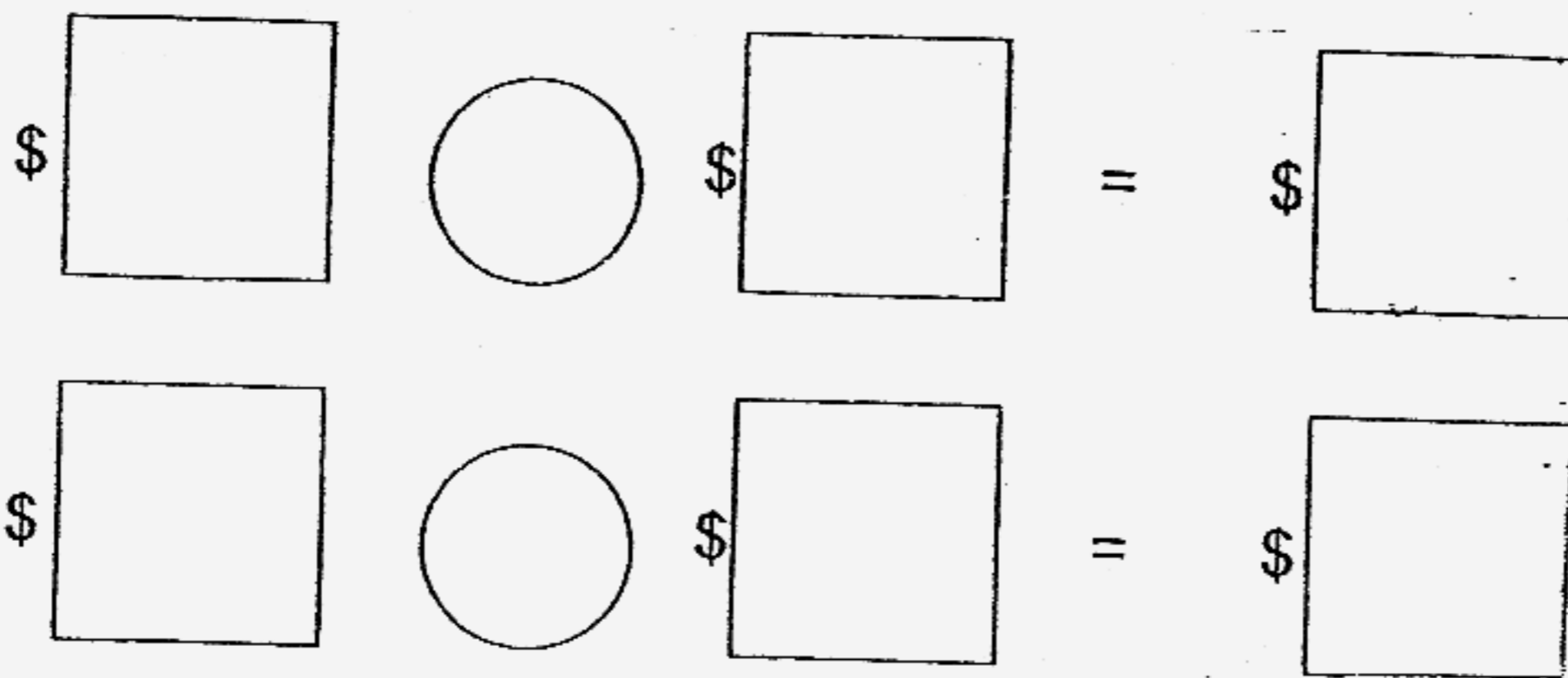
He would have to pay $_____ in all.

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

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

$$\boxed{} \quad \bigcirc \quad \boxed{} \quad = \quad \boxed{}$$
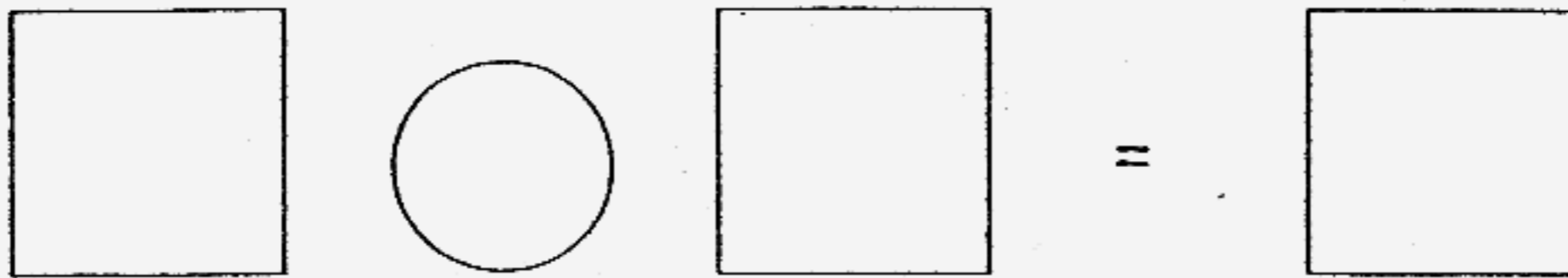
She takes _____ hours to make 3 skirts.

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

$$\boxed{} \quad \bigcirc \quad \boxed{} \quad = \quad \boxed{}$$
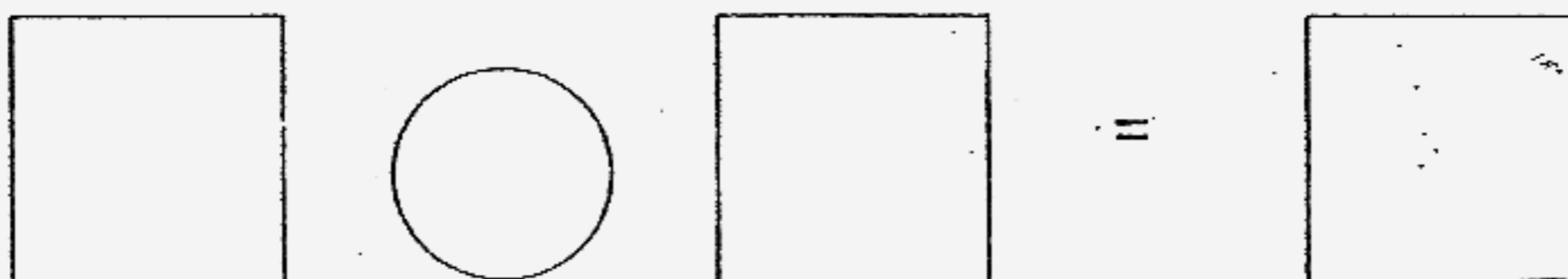
She works _____ hours in 5 days.

☺ **End of Paper** ☺
Please Check Carefully

Setters: Mdm Siti
Mdm Leong Shuet Lai

20

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÷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 △△△

   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) 3x3=9
   She takes 9 hours to make 3 skirts

   b) 9x5=45
   She works 45 hours in 5 days.