ST. HILDA'S PRIMARY SCHOOL
SEMESTRAL ASSESSMENT 2, 2009
MATHEMATICS
PRIMARY TWO

Name: _____ (   )

Class: P2 / _____   **Marks:** _____ / 100

Date: 30 October 2009   **Parent's Signature:** _____

Duration: 1 hour 30 minutes

Section A: (20 × 2 marks)
Choose the correct answer for each question and write its number in the brackets provided.

1.   What is 8 hundreds and 6 tens?

    (1)   86   **(2)**   806

    (3)   860   **(4)**   8060   (   )

2.   4 groups of 9 is _____ .

    (1)   27   **(2)**   32

    (3)   36   **(4)**   38   (   )

3.   638 + 143 = _____

    (1)   495   **(2)**   515

    (3)   771   **(4)**   781   (   )
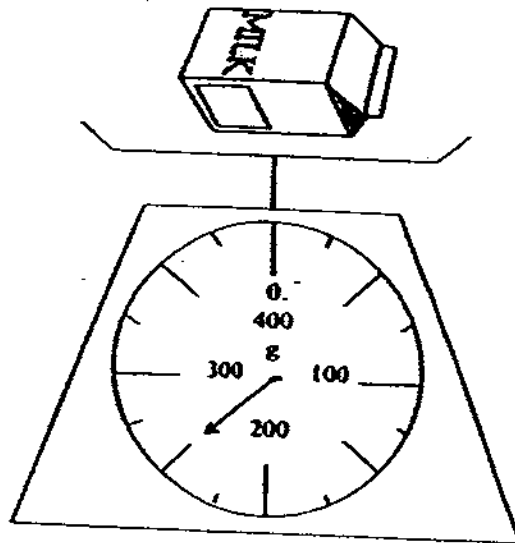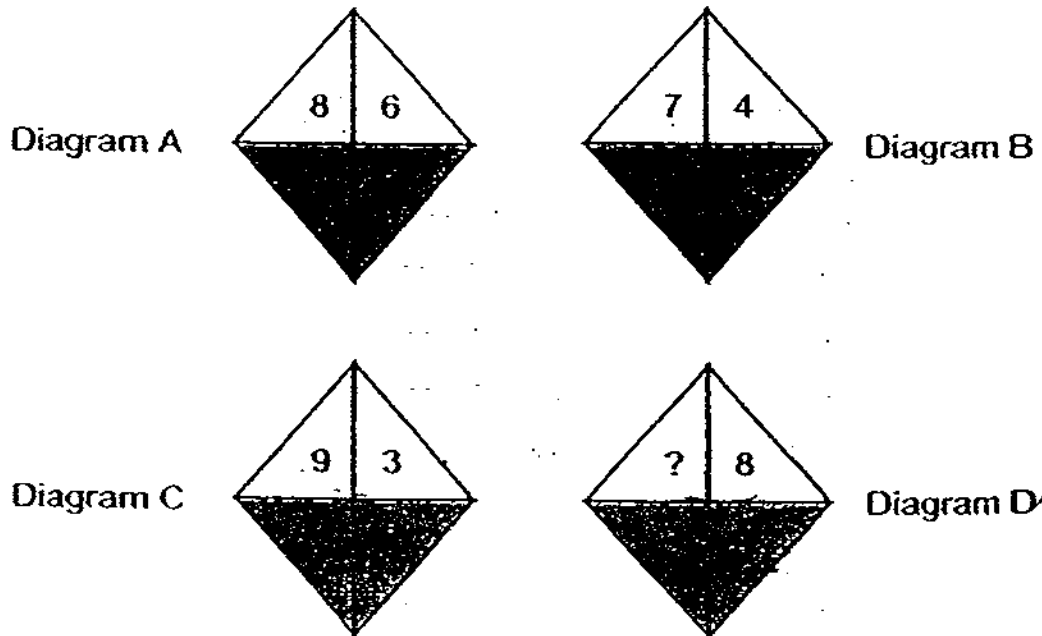
4. The carton of milk has a mass of _____ g.

    (1) 220

    (2) 240

    (3) 250

    (4) 260

                                     (   )

5. Study the diagrams below carefully.

Diagram A   8   6   Diagram B   7   4

Diagram C   9   3   Diagram D   ?   8

The missing number in Diagram D is _____.

(1) 5   (2) 6

(3) 7   (4) 4   (   )
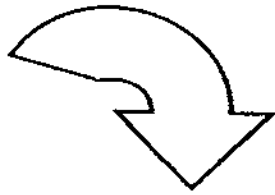
6. Forty dollars and five cents is the same as $_____.

   (1)   405   (2)   40.50

   (3)   40.05   (4)   4.05   (   )

7. The shape below has _____curves and _____ straight lines.
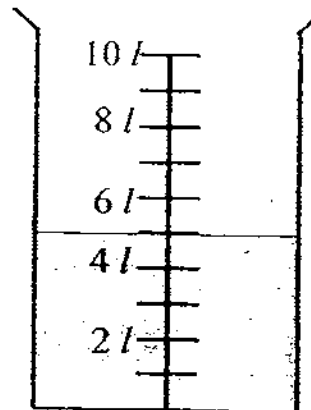

   (1)   1, 4   (2)   2, 3

   (3)   2, 5   (4)   2, 6   (   )

8.
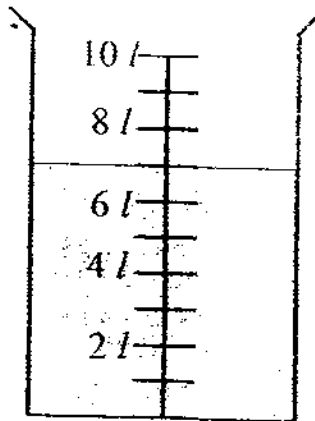
Container A   Container B
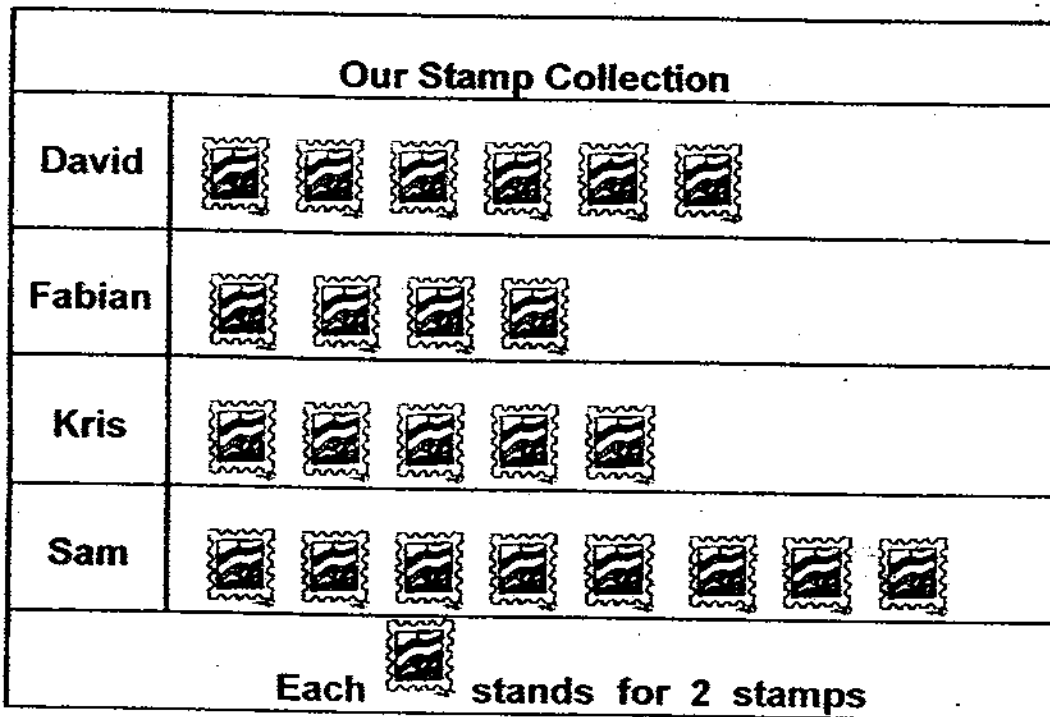
What is the total volume of water in both containers A and B?

   (1)   10 /   (2)   11 /

   (3)   12 /   (4)   14 /   (   )

9. Study the graph below carefully and answer the question below.

Our Stamp Collection	
David	🖼️🖼️🖼️🖼️🖼️🖼️
Fabian	🖼️ 🖼️ 🖼️ 🖼️
Kris	🖼️ 🖼️ 🖼️ 🖼️ 🖼️
Sam	🖼️ 🖼️ 🖼️ 🖼️ 🖼️ 🖼️ 🖼️ 🖼️

Each 🖼️ stands for 2 stamps

Fabian and Kris collected _____ stamps altogether.

(1)   9   (2)   23

(3)   18   (4)   46   (   )

10. 2 × ☐ = 2 + 2 + 2 + 2 + 2 + 2 + 2

(1)   6   (2)   7

(3)   12   (4)   14   (   )

11.

If ◇◇◇◇◇◇◇ stands for 70 kites,

how many kites do ◇◇◇◇ stand for ?

(1) 110

(2) 40

(3) 10

(4) 4

( )

12. Mrs Lim had 36 stickers.
She divided the stickers equally among 4 children.
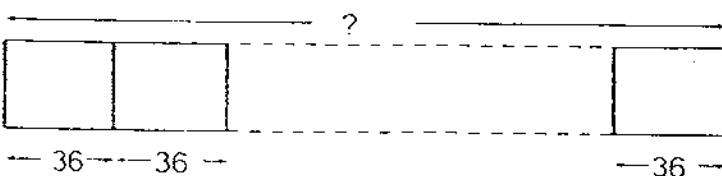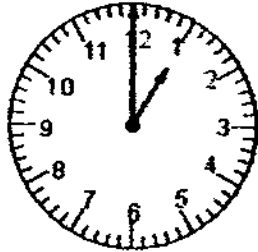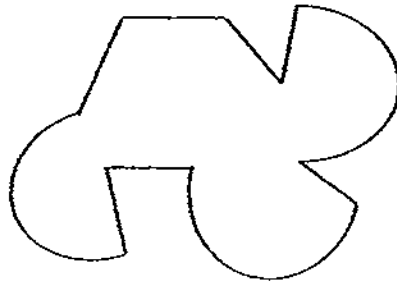Which one of the following models is correct?

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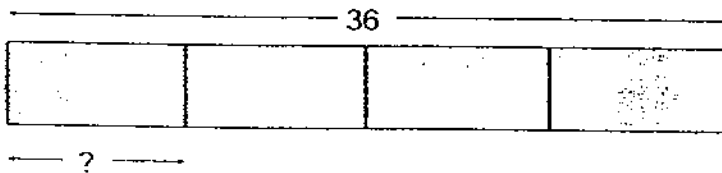
(2)
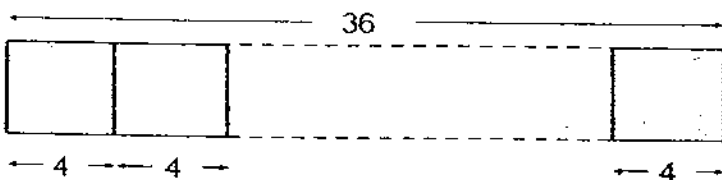
(3)
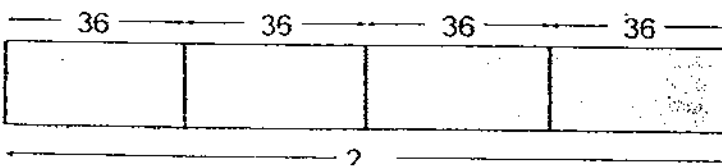
(4)

( )

13. The time shown on the clock below is 1 p.m.
It is 30 minutes slow.
What is the actual time?

(1)	12.30 a.m.	**(2)**	1.30 a.m.
(3)	12.30 p.m.	**(4)**	1.30 p.m. ( )

14.

In the figure above, there are _____ more straight lines than curves.

(1)	7	**(2)**	5
(3)	3	**(4)**	4 ( )

15. Christy packs some cookies into some small and big boxes.
She packs 5 cookies into each small box.
She packs 2 more cookies into each big box than each small box.
How many cookies does she pack into 2 small boxes and 3 big boxes?

(1)	19	**(2)**	21
(3)	29	**(4)**	31)

16. Study the number pattern below. What is the value of A and B ?

7	8
7	6

1	4
5	2

6	7
2	1

3	8
6	A

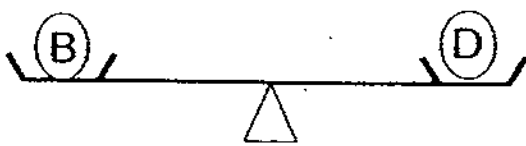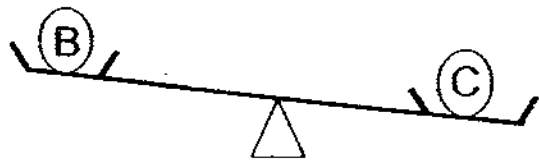| B	1
5	7

(1)   A = 6, B = 1

(2)   A = 5, B = 5

(3)   A = 1, B = 8

(4)   A = 1, B = 3   (   )

17. Look at the balances below.
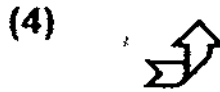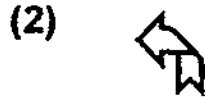Which is the heaviest object?

(1)   A

(2)   B
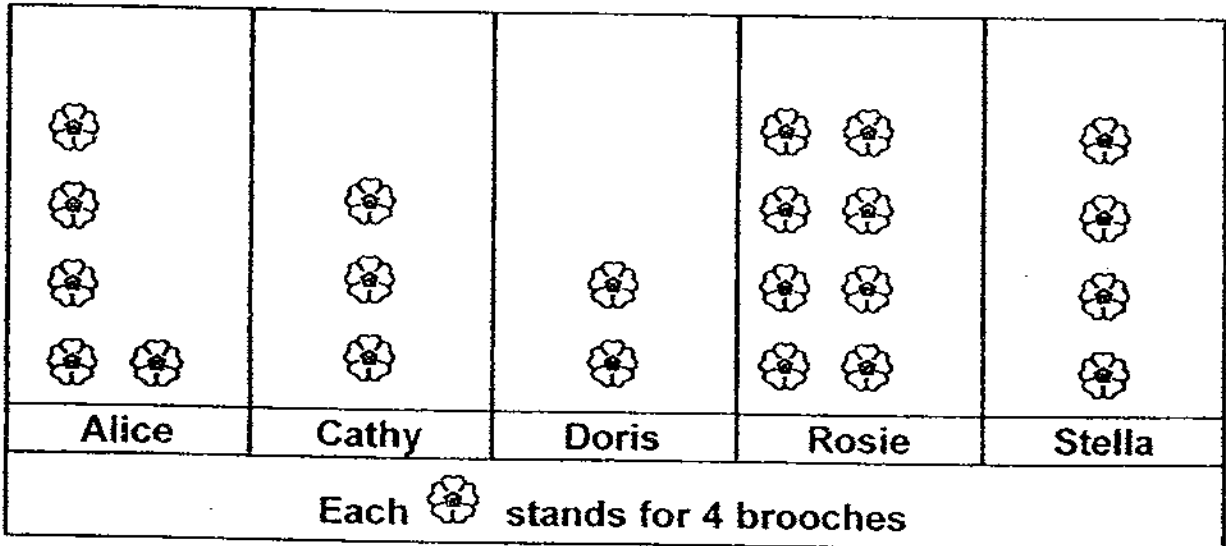
(3)   C

(4)   D   (   )

18. Study the pattern below.

1st   18th

Which one of the following arrows will be found in pattern 18?

(1)   (2)

(3)   (4)   (   )

19. The picture graph below shows the number of brooches collected by 5 girls.

Alice	Cathy	Doris	Rosie	Stella

Each ✿ stands for 4 brooches

_____ collected 12 fewer brooches than Rosie.

(1)   Alice   (2)   Cathy

(3)   Doris   (4)   Stella   (   )

20. Study the picture below.
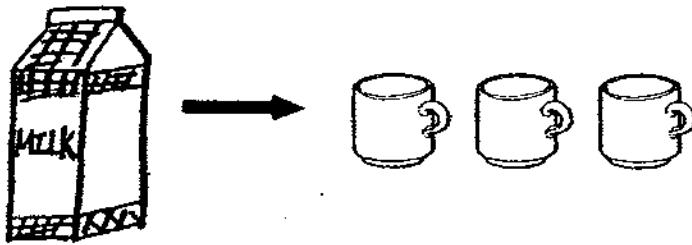
Mrs Wong wants to give 18 children a cup of milk each.
How many cartons of milk must she buy?

(1)   5   (2)   6

(3)   3   (4)   15   (   )

Section B: (20 × 2 marks)
Work out each question carefully and fill in the blanks with the correct answers.

21. Arrange the numbers below, from the <u>greatest to the smallest</u>.

| 405 | 68 | 700 | 199 |

22. The length of the arrow below is about _____ cm.
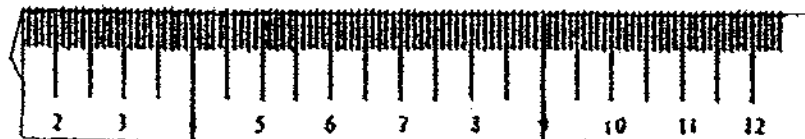
23. Arrange the fractions in order.
<u>Begin with the smallest fraction</u>.

| $\frac{3}{4}$ | $\frac{3}{7}$ | $\frac{3}{10}$ | $\frac{3}{5}$ |
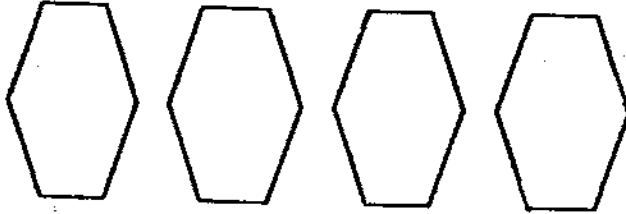
Smallest

24. What <u>fraction</u> of the figure below is shaded?

25. Mary walks from her home to school.
After school, she walks to the library to return a book.
Finally, she walks home from the library.
How far does she walk in all?

school

156 m

200 m

home

297 m

library
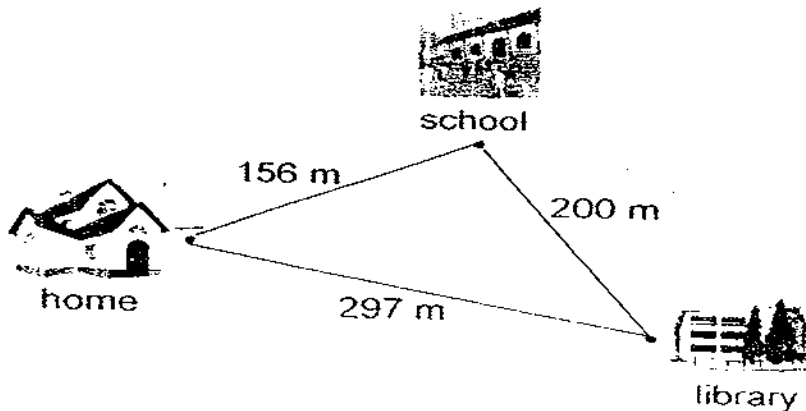
m

26. Bobby was given 8 cut-outs like the one shown below.

How many circles can Bobby form with all his cut-outs?

27. Ravi started doing his homework in the afternoon.
He took 30 minutes to complete his English homework and another
1 hour for his Mathematics homework.
He finished his homework at the time shown on the clock below.
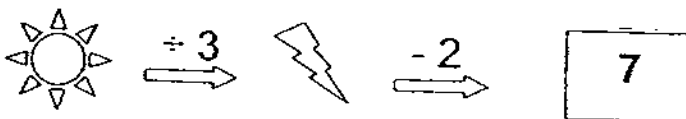At what time did Ravi begin doing all his homework?

p.m.
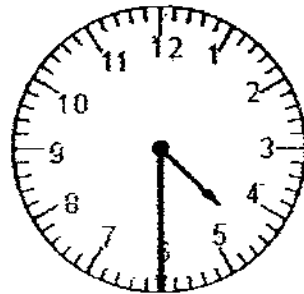
28. Look at the diagrams below.

◄──── 8 cm ────►

◄──── 16 cm ────►
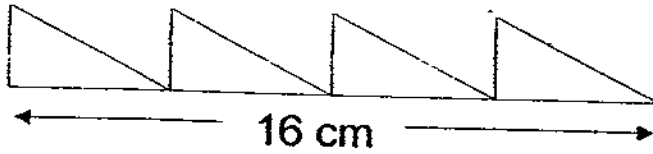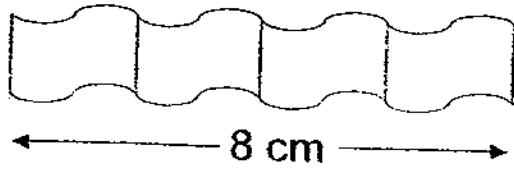
Based on the information above, what is the length of the diagram below?

◄──── ? cm ────►
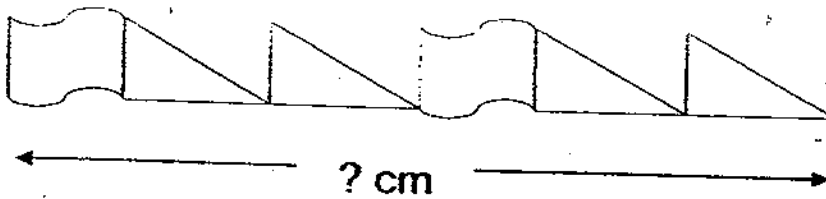
cm

29. Subtract 52 from 82 tens.
The digit _____ is in the tens place.

30.
Find the value of ☼

☼ ──÷3──► ⚡ ──-2──► | 7 |

31. Draw to show the value of $23.80.
You must use **all** the notes and coins.

32.

$ 5

$ 2

20¢

20 ¢

10 ¢
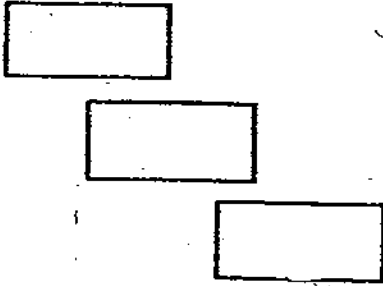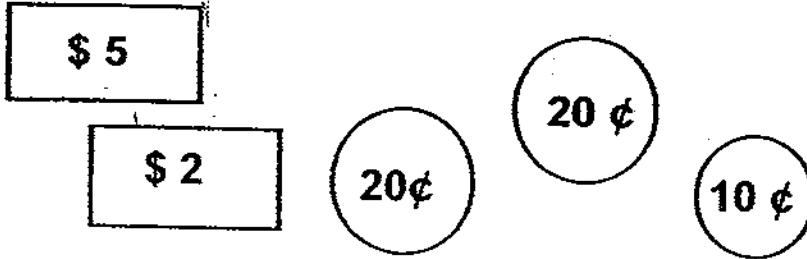
How many 50¢ coins can be exchanged with the amount above?

33. Study the objects below carefully.

C

D

A

B

E
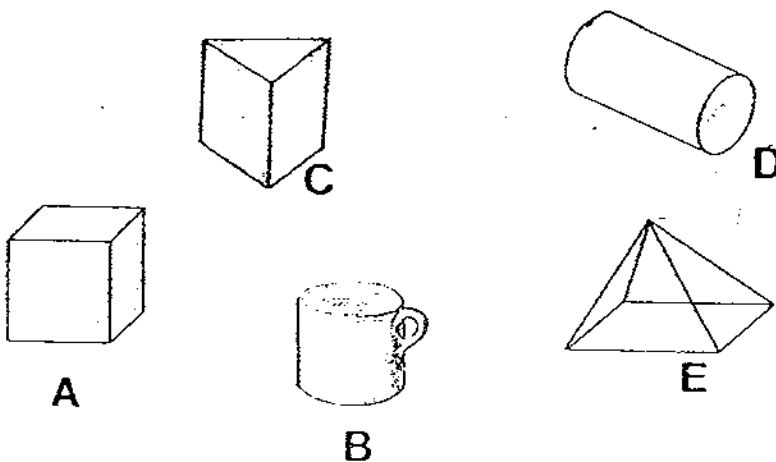
Colour the objects that have less than 4 flat surfaces.

34. The picture graph below shows the number of cupcakes sold at a bakery over 4 days.

Monday	Tuesday	Wednesday	Thursday	Friday
🧁🧁	🧁🧁🧁	🧁🧁🧁🧁	🧁🧁🧁🧁🧁	?

Each 🧁 stands for 5 cupcakes
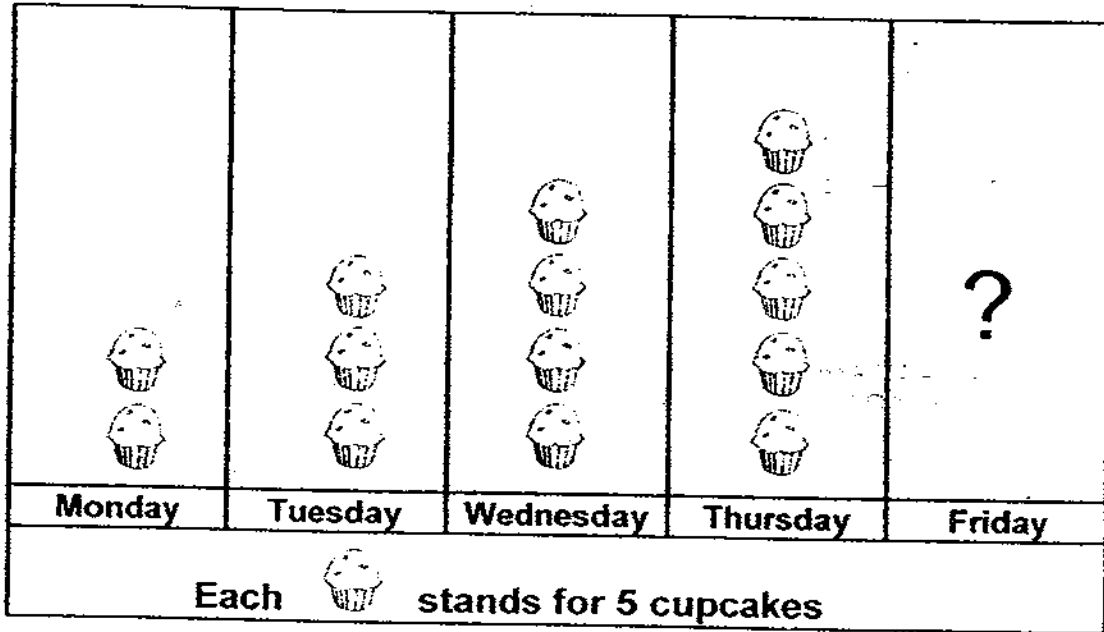
The number of cupcakes sold at the bakery followed a pattern.
How many cupcakes were sold on Friday?

35. 856 people attended a concert.
249 of them were children and the rest were adults.
How many more adults than children were there?

36.
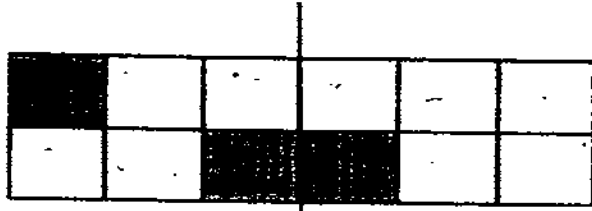
How many more rectangles must I shade to show $\frac{1}{2}$?

37.

$$\mathcal{H} + \bigstar = 120$$
$$\mathcal{H} + \bigstar + \mathcal{H} = 200$$

What number does $\bigstar$ represent?

**38.** The picture graph below shows the number of shirts sold by a shop from Thursday to Sunday.

Day	Number of shirts sold
Thursday	👕 👕 👕 👕
Friday	👕 👕 👕
Saturday	👕 👕 👕 👕 👕
Sunday	👕 👕 👕 👕 👕 👕
Each 👕 stands for 10 shirts	

If the shop had 200 shirts on sale, how many shirts were left unsold after Sunday?

39. Using a ruler, draw straight lines on the figure below to show

5 triangles and a rectangle.
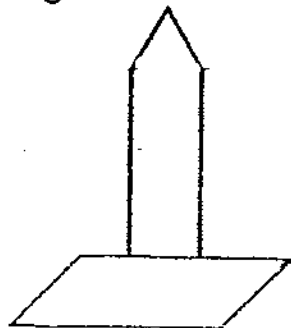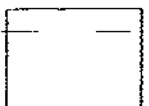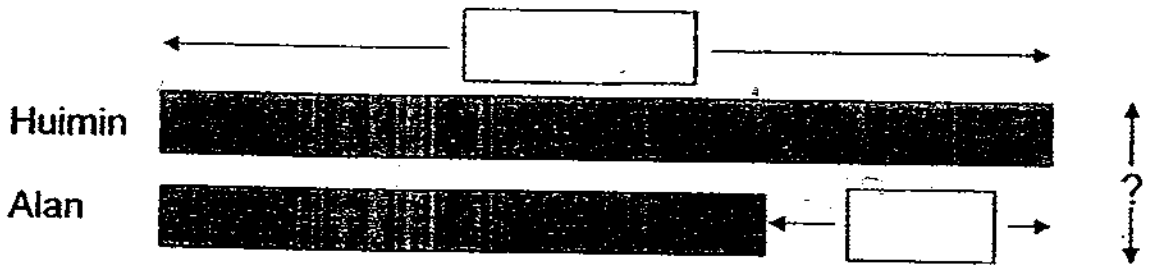
40. Study the picture below carefully.
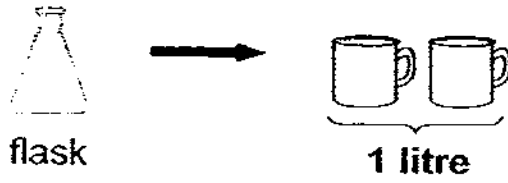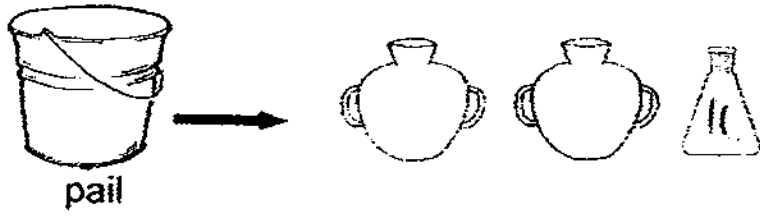
The pail can hold _____ litres of water.

Read the questions carefully. Show all mathematical workings and statements clearly.
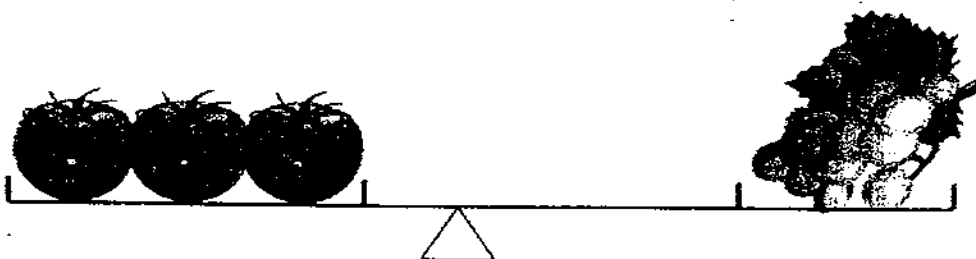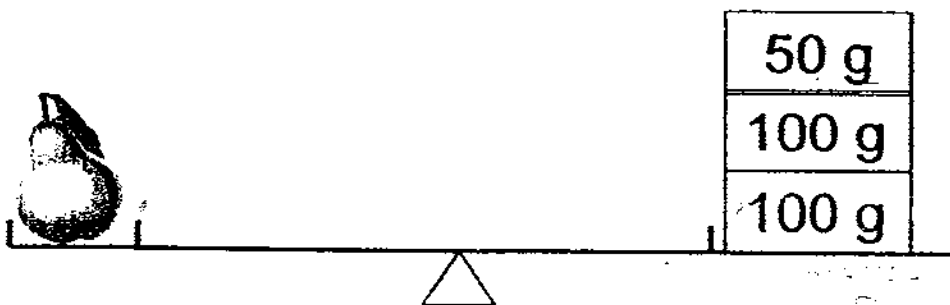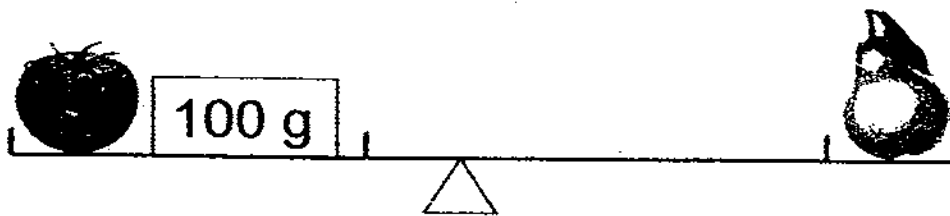
41. Huimin has 458 stamps.
    Alan has 41 stamps fewer than Huimin.
    How many stamps do they have altogether?
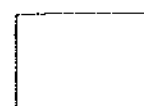   (Complete the model below with numbers only)

Huimin

Alan

42. A packet of jelly cost $2.
Rafiq bought 2 packets of jelly and 5 packets of sweets.
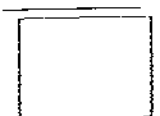He paid $34 altogether.
How much did each packet of sweets cost?

43. Look at the balances below.

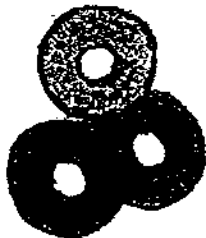What is the mass of the bunch of grapes?

44. Mother baked a pie.
She cut it into 10 equal pieces.

Peter and John ate $\dfrac{3}{10}$ of the pie each.
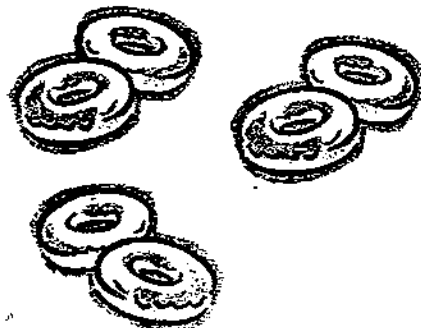
What fraction of the pie was left?

45.

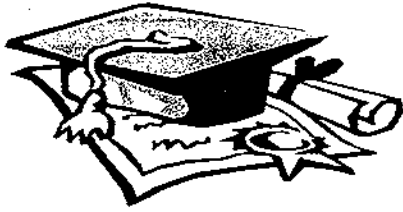| SNACK SHOP A	SNACK SHOP B

3 donuts for $2	6 donuts for $5

Gary bought 15 donuts at Snack Shop A.
Aziz spent the same amount of money as Gary at Snack Shop B.
How many donuts did Aziz buy at Snack Shop B?
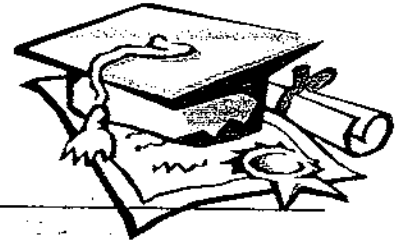
THE END
HAVE YOU CHECKED YOUR WORK CAREFULLY?

ANSWER SHEET

<u>EXAM PAPER 2009</u>

SCHOOL : ST. HILDA'S PRIMARY
SUBJECT : PRIMARY 2 MATHEMATICS

TERM : SA2

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

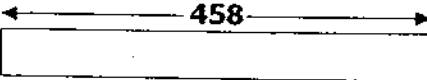| Q18	Q19	Q20
4	1	2

21)700, 408, 199, 68   22)5   23)3/10, 3/7, 3/5, ¾   24)4/9   25)653m

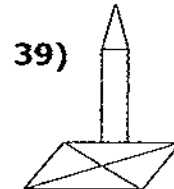26)4 circles   27)3.00p.m.   28)20cm   29)768   30)27

31)$10,$10,$2,$1,20¢,20¢,20¢,20¢   32)15   33)B,D   34)30   35)358

36)3   37)40   38)20   39)

40)5L

41)Huimin

Alan

458-41=417 (Alan)
417+458=875 (Alan + Huimin)
They have 875 stamps altogether.

42)2x2=4
    34-4=30
    30÷5=6
Each packet of sweets cost $6.

43) 50+100=150
    150+100=250 (pear)
    250-100=150 (Tomato)
    150x3=450
The mass of the bunch of grapes is 450g.

44) 7/10-3/10=4/10
4/10 of the pie was left.

45) 15÷3=5
    5x2=10
    10÷5=2
    2x6=12
Aziz bought 12 donuts at Snack Shop B.