NANYANG PRIMARY SCHOOL

SECOND SEMESTRAL EXAMINATION
2006

PRIMARY 2

MATHEMATICS

DURATION: 1 HOUR 30 MINUTES

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

Total:	/ 100

Name: _____ (   )

Class: Primary 2 (   )

Date: 2 November 2006

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 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. Find the sum of 316 and 453.

   (1) 137   (2) 143
   (3) 743   (4) 769   (   )

2. After selling 439 chickens, a farmer had 165 chickens left.
   How many chickens did he have at first?

   (1) 274   (2) 594
   (3) 604   (4) 694   (   )

3. 263 — 99 = _____

   (1) 164   (2) 236
   (3) 244   (4) 362   (   )

4. Zhong Hao has 357 yellow marbles.
   He has 120 fewer red marbles than yellow marbles.
   How many red marbles does he have?

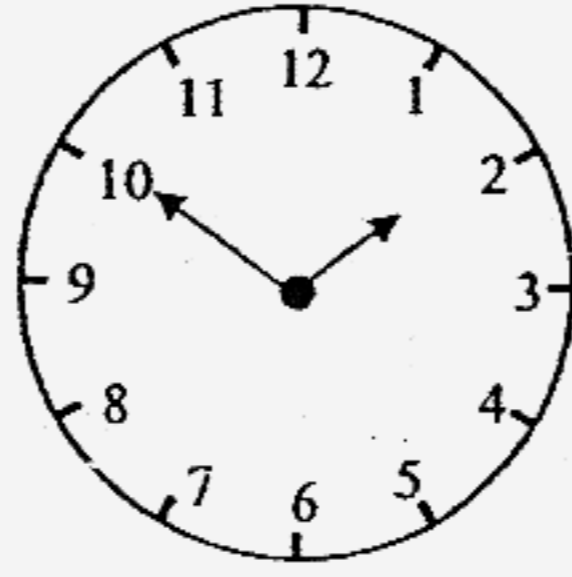   (1) 237   (2) 277
   (3) 437   (4) 477   (   )

1

5. The length of the teacher's table in your classroom is about _____.

(1)   1 cm
(2)   10 cm
(3)   1 m
(4)   10 m   (   )

6. The toy bus is _____ longer than the toy bicycle

(1)   1 cm
(2)   6 cm
(3)   3 cm
(4)   10 cm   (   )

7. Mrs Lim needs 250 g of flour to bake a cake.
She has only 179 g of flour.
How much more flour does she need?

(1)   71 g
(2)   81 g
(3)   329 g
(4)   429 g   (   )

2

8. Look at the strawberries below.
Which of the following is **incorrect**?

(1) 8 groups of twos   (2) 2 + 8
(3) 2 × 8   (4) eight twos   (   )

9. How many tens make 1000?

(1) 1   (2) 0
(3) 10   (4) 100   (   )

10. 7 × 4 is _____ more than 6 × 4

(1) 1   (2) 24
(3) 28   (4) 4   (   )

11. Terry had 16 sweets.
After giving 2 sweets to each of his 5 friends, he ate the rest
of the sweets.
How many sweets did he eat?

(1) 6   (2) 9
(3) 10   (4) 14   (   )

3

12. Devan wanted to buy 2 toy soldiers.
How much change would he get if he paid the cashier $10?

One toy soldier
$3.45

(1) $3.10
(2) $4.10
(3) $6.55
(4) $6.90   (   )

13. How much money do Tom and Tim have altogether?

I have $12.65.

I have $3.70.

Tom

Tim

(1) $8.95
(2) $9.05
(3) $15.35
(4) $16.35   (   )

14. What fraction of the figure below is shaded?

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

4

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

(1)   1.10
(3)   2.50

(2)   1.50
(4)   10.10   (   )

16. Which container can hold thrice as much water as the flask?

barrel   pail   flask   pot   bottle
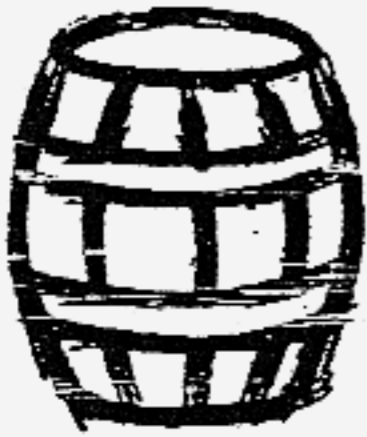
12 litres   9 litres   3 litres   6 litres   1 litre

(1)   bottle
(3)   pail

(2)   pot
(4)   barrel   (   )

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17. There are 50 litres of water in the fish tank.
Sammy pours away 28 litres of water.
He later pours another 18 litres of water into the fish tank.
How many litres of water are there in the fish tank now?

(1) 22 litres   (2) 30 litres
(3) 40 litres   (4) 56 litres   (   )

18. How many curves and straight lines are there in the picture below?
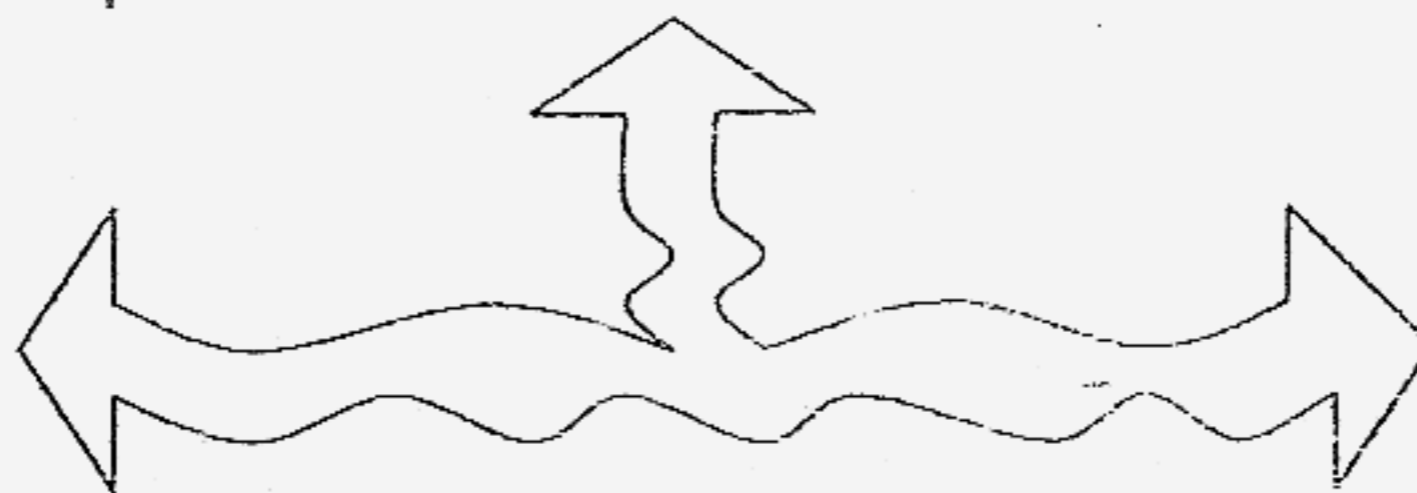
(1) 3 curves, 3 straight lines
(2) 3 curves, 12 straight lines
(3) 5 curves, 6 straight lines
(4) 5 curves, 12 straight lines

(   )

19. How many flat and curved faces does the object have?
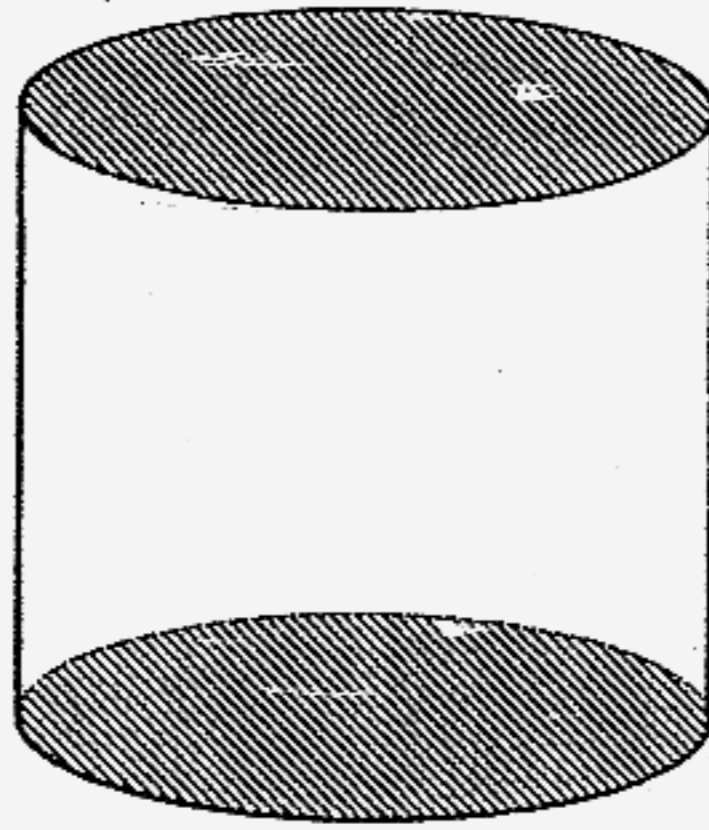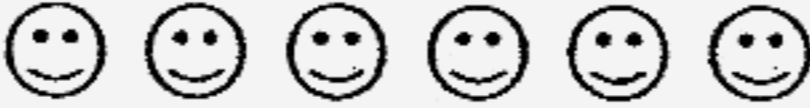
(1) 0 flat face, 3 curved faces
(2) 2 flat faces, 1 curved face
(3) 2 flat faces, 2 curved faces
(4) 3 flat faces, 0 curved face

(   )

20. Study the pictorial graph below.

Number of Stickers Each Child Gets

Cindy	☺ ☺ ☺ ☺ ☺ ☺
Sally	☺ ☺ ☺
Lee Meng	?
Each ☺ stands for 3 stickers.	

Lee Meng has 2 ☺ fewer than Cindy.
How many stickers does he have?

(1)   16   (2)   12
(3)   3   (4)   4   (   )

7

Section B

Questions 21 to 40 carry 2 marks each.

Write your answers in the blanks provided.

(Total: 40 marks)

21. (a) Write 749 in words.

_____

(b) Write three hundred and six in numerals.

Answer : _____

22. 372 is _____ tens more than 202.

Answer : _____ tens

23. Arrange the following numbers in order, beginning with the smallest.

502,   250,   205,   520

_____ , _____ , _____ , _____

24. I think of a number.
When I add 430 to the number, I get 1000.
What is this number?

Answer : _____

8

25. I am an odd number between 36 and 48.
    When you divide the sum of my two digits by 4, you will get 3.
    What am I?

    Answer : _____

26. Alex is as tall as his father when he stands on a chair which
    has a height of 50 cm. If Alex's father is 180 cm tall, how tall is
    Alex?

    Answer : _____ cm

27. What is the total mass of **one bunch** of bananas and **one**
    pear?

    Answer : _____ g

9
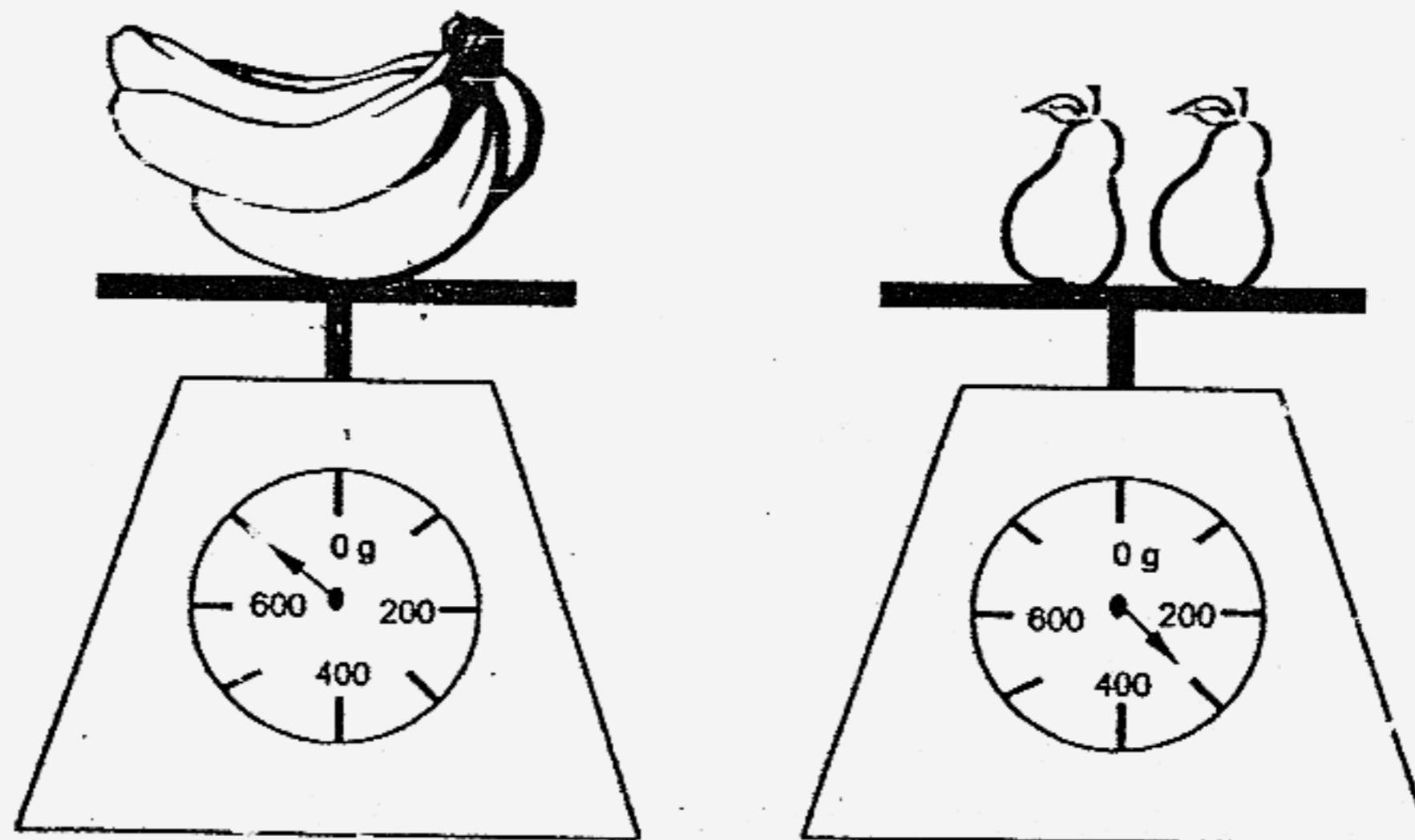
28. Look at the cherries below.
Write a multiplication sentence and a division sentence.

$$\Box \bigcirc \Box = \Box$$

$$\Box \bigcirc \Box = \Box$$
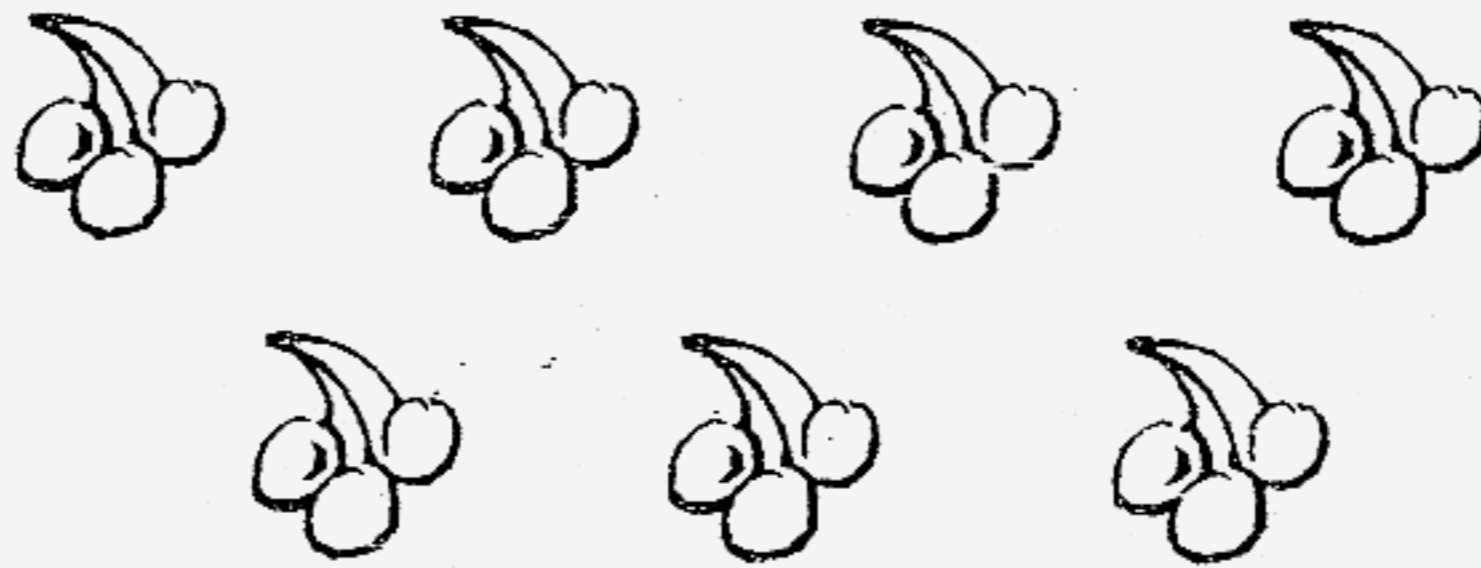
29. $\boxed{\,?\,} \div 5 = 2 \times 5$

What is the missing number?

Answer : _____

30. What is the total amount of money shown below?
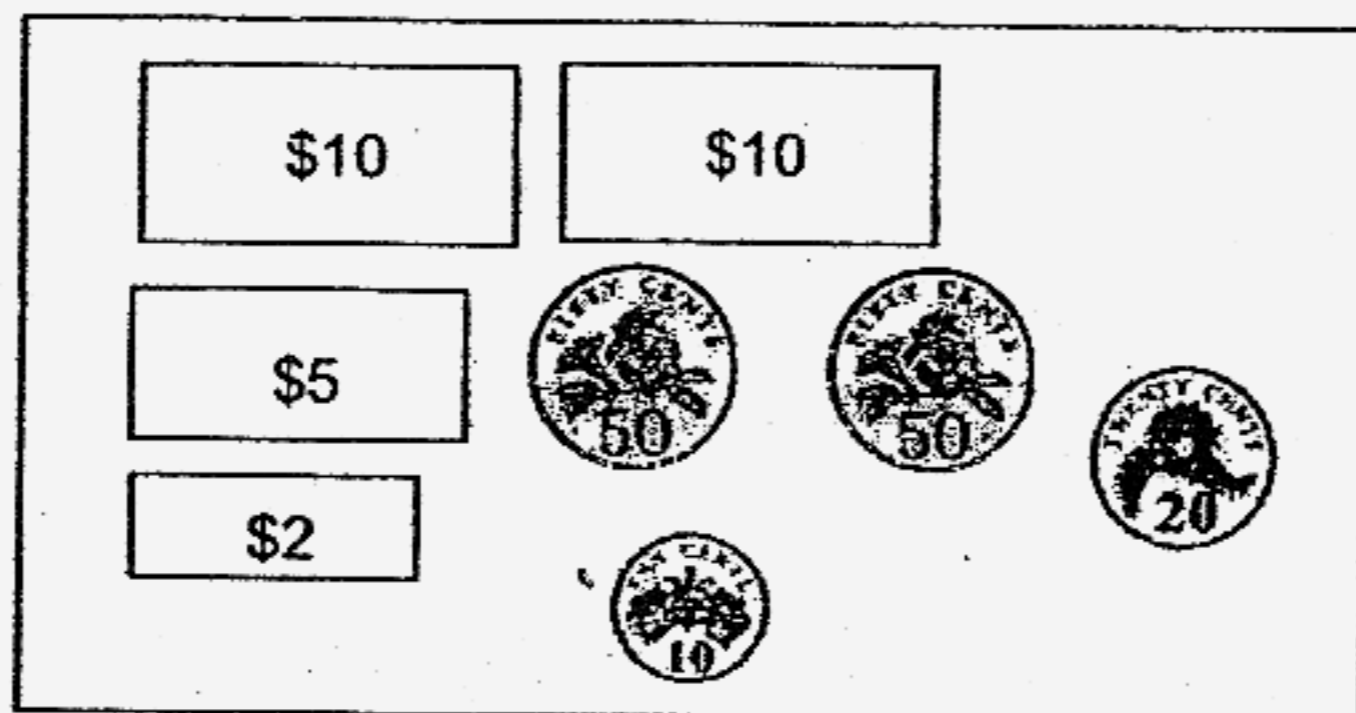
Answer : $_____

31a. Write $20.08 in cents.

Answer : _____ ¢

b. Write 359¢ in dollars.

Answer : $_____

11

32. What fraction of the figure below is **unshaded**?
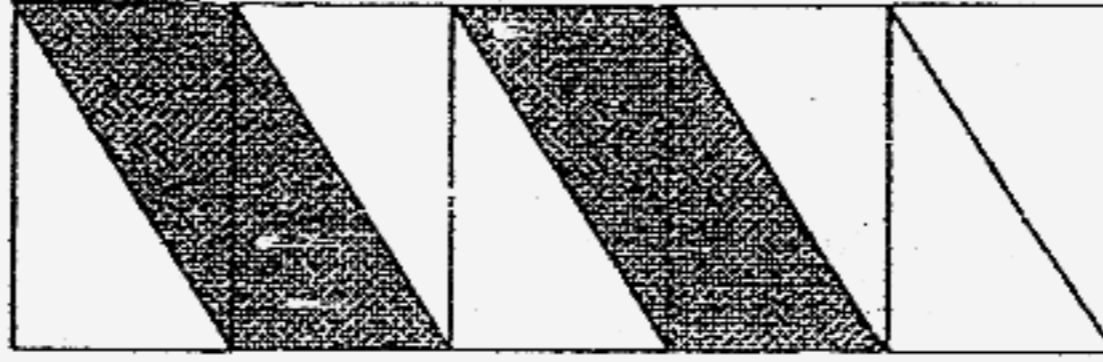
Answer : _____

33. Arrange the following fractions from the greatest to the smallest.

$$\frac{1}{10}, \quad \frac{1}{2}, \quad \frac{1}{12}, \quad \frac{1}{8}$$

_____, _____, _____, _____
greatest

34. The water in the teapot can fill 4 cups.
How many cups can 8 such teapots fill?

Answer : _____

35. How many semicircles do you need to form the figure below?
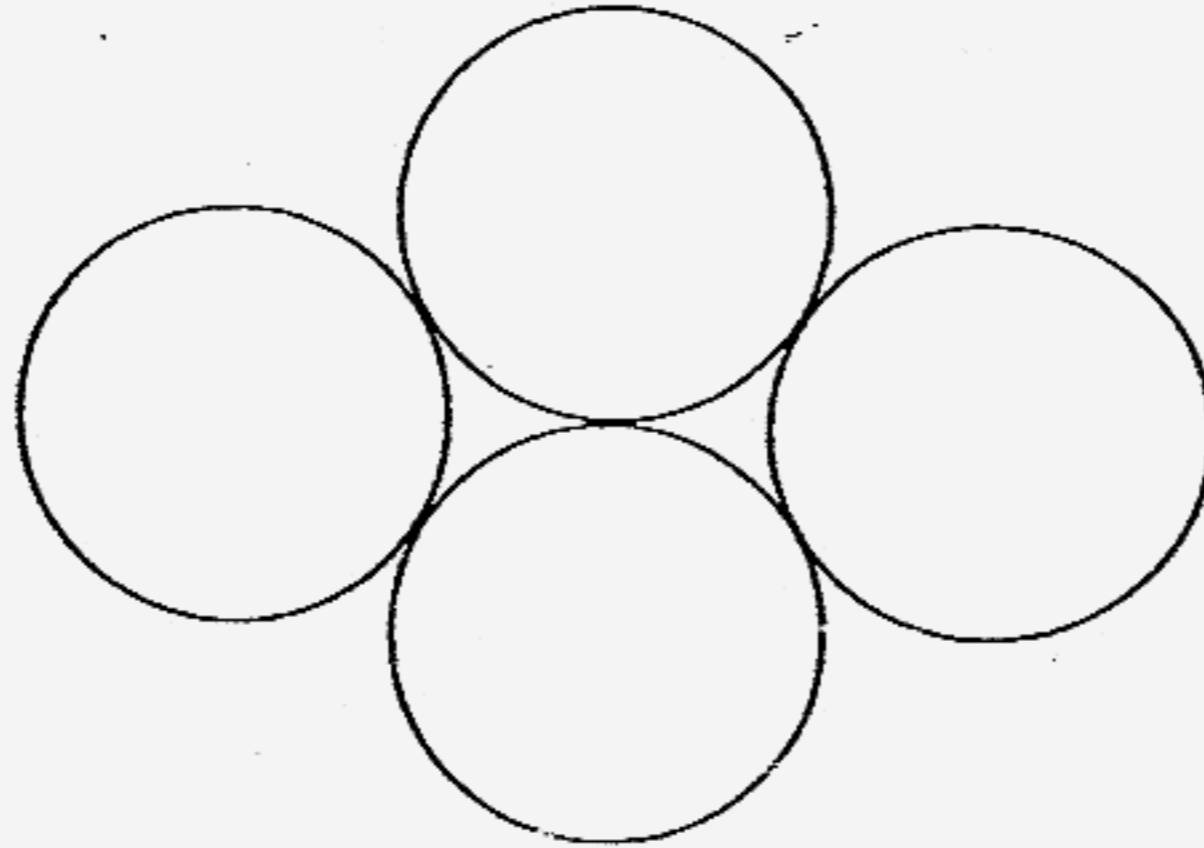
Answer : _____

36. Study the picture below.
    How many triangles and quarter circles can you see?
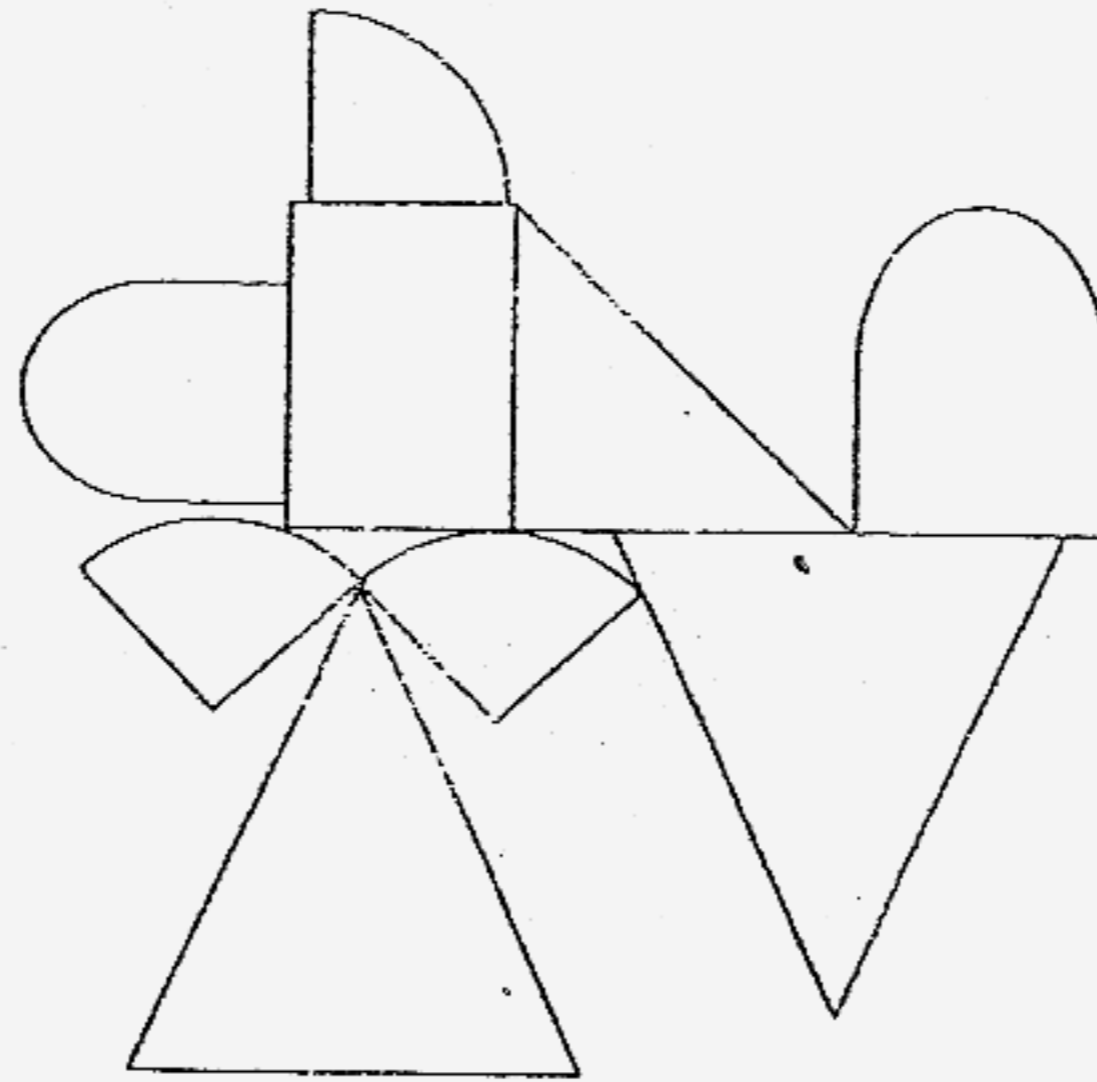
Answer : _____ triangles

_____ quarter circles

37. Study the pattern below.
    Which is the missing shape?

Circle the missing shape in the box below.
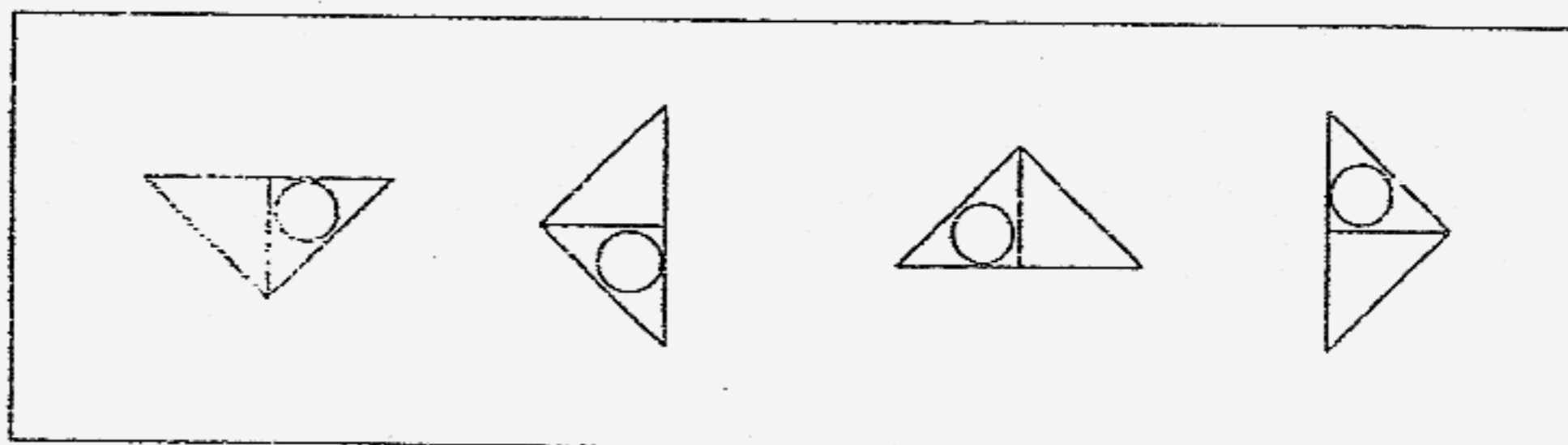
38. Muthu bought 3 packets of orange juice.
Ahmad bought 2 packets of orange juice more than Muthu.
If each packet contained 2 litres of orange juice, how many
litres of orange juice did they buy altogether?

Answer : _____ litres

39. Study the pictorial graph below.

Our Sports Club

Baseball	Soccer	Basketball	Volleyball

Each ⬤ stands for 10 pupils.
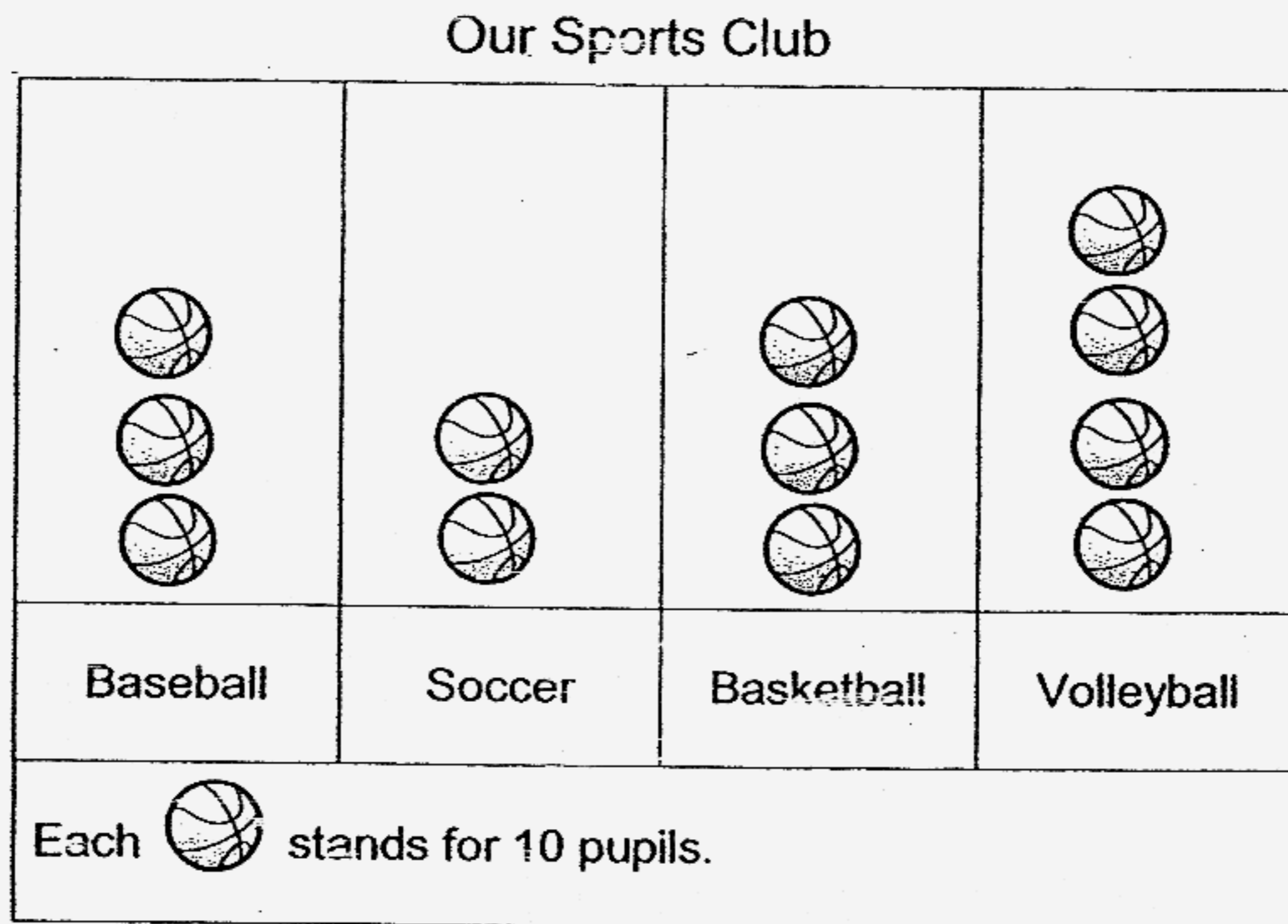
If 2 pupils from the Volleyball Club decided to join the Soccer
Club instead, how many pupils would there be in the Soccer
Club now?

Answer : _____

40. At a carnival, Peter played the following games and scored some points.

Name of Game	Points Scored
Goal	27
Aim and Shoot	34
Spin	23
Loop a Loop	33

In which two games did Peter score a total of 50 points?

Answer : _____ 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. The pictorial graph below shows the favourite fruit of a group of pupils.

Our Favourite Fruit

Each △ stands for 4 pupils.
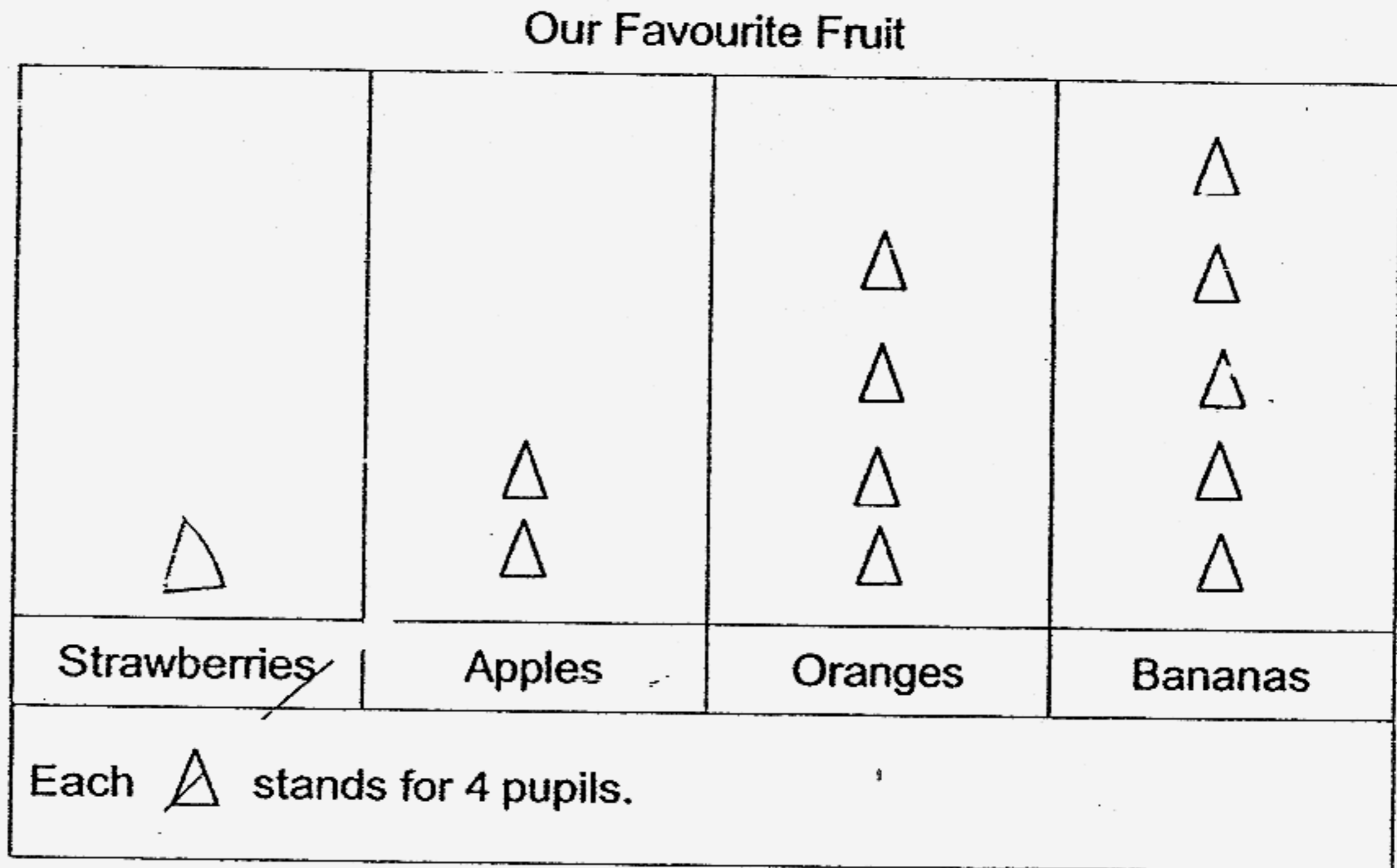
a. Four more pupils like to eat apples than strawberries.

Complete the pictorial graph above by drawing the number of △ for strawberries.
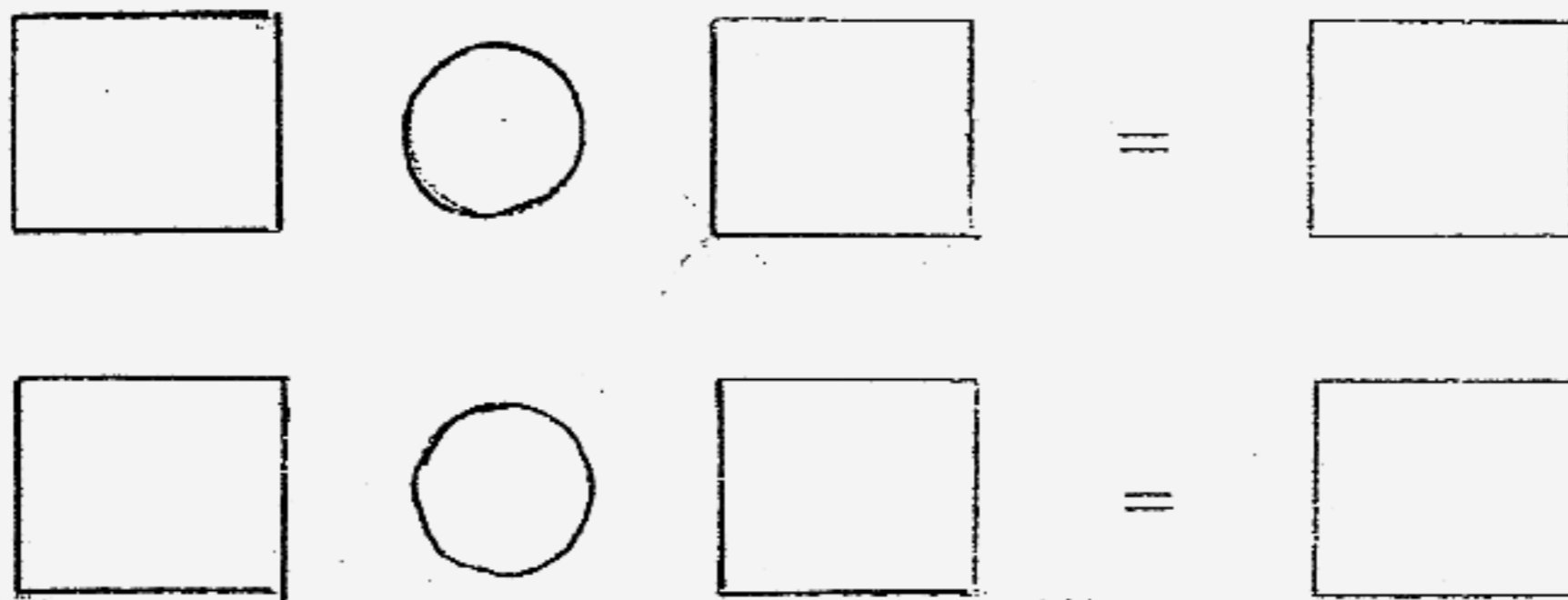
b. How many pupils are there altogether?

There are _____ pupils altogether.

42. Johari collected 423 stamps.
He collected 220 more stamps than Benny.
How many stamps did they collect altogether?

$$\boxed{} \bigcirc \boxed{} = \boxed{}$$

$$\boxed{} \bigcirc \boxed{} = \boxed{}$$
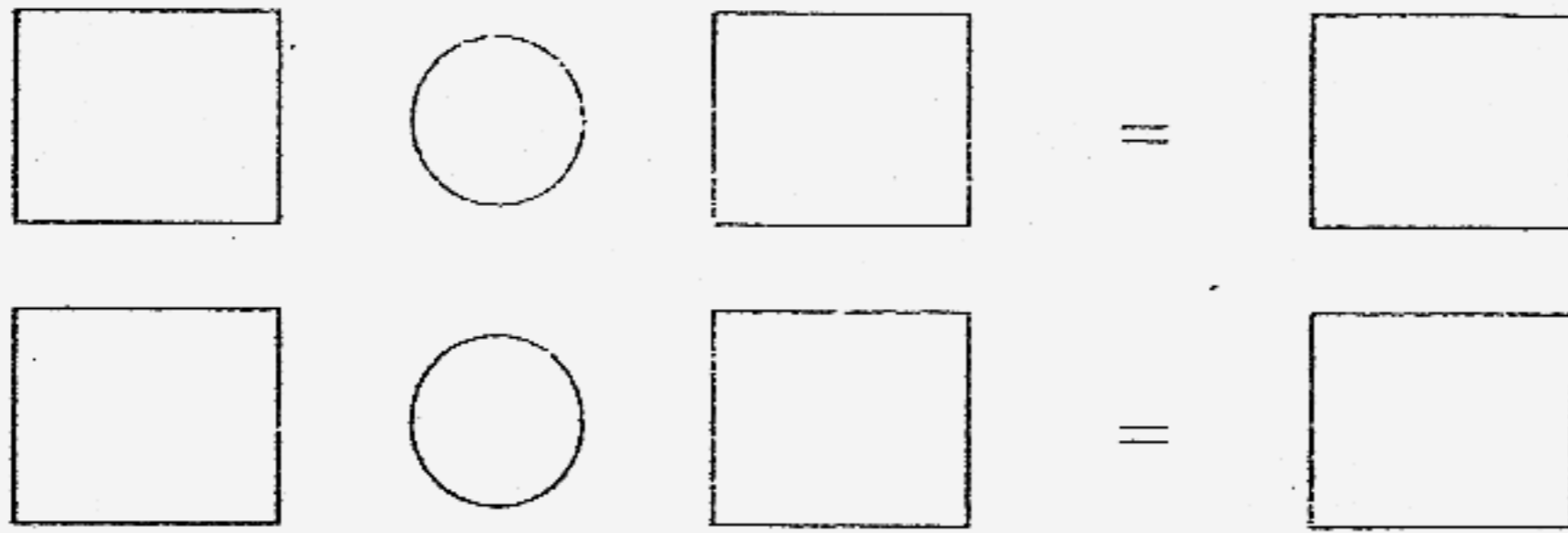
They collected _____ stamps altogether.

43. Mr Li bought 33 cookies.
After giving an equal number of cookies to each of his 4 sons, he had 5 cookies left.
How many cookies did each son get?

$$\boxed{} \bigcirc \boxed{} = \boxed{}$$

$$\boxed{} \bigcirc \boxed{} = \boxed{}$$

Each son got _____ cookies.

44. A pail can hold 10 litres of water.
Water from 3 such pails can fill a barrel completely.
Water from the same barrel can fill 5 bottles completely.
How many litres of water can 1 bottle hold?

barrel

pails

barrel

bottles

⬜ ◯ ⬜ = ⬜

⬜ ◯ ⬜ = ⬜
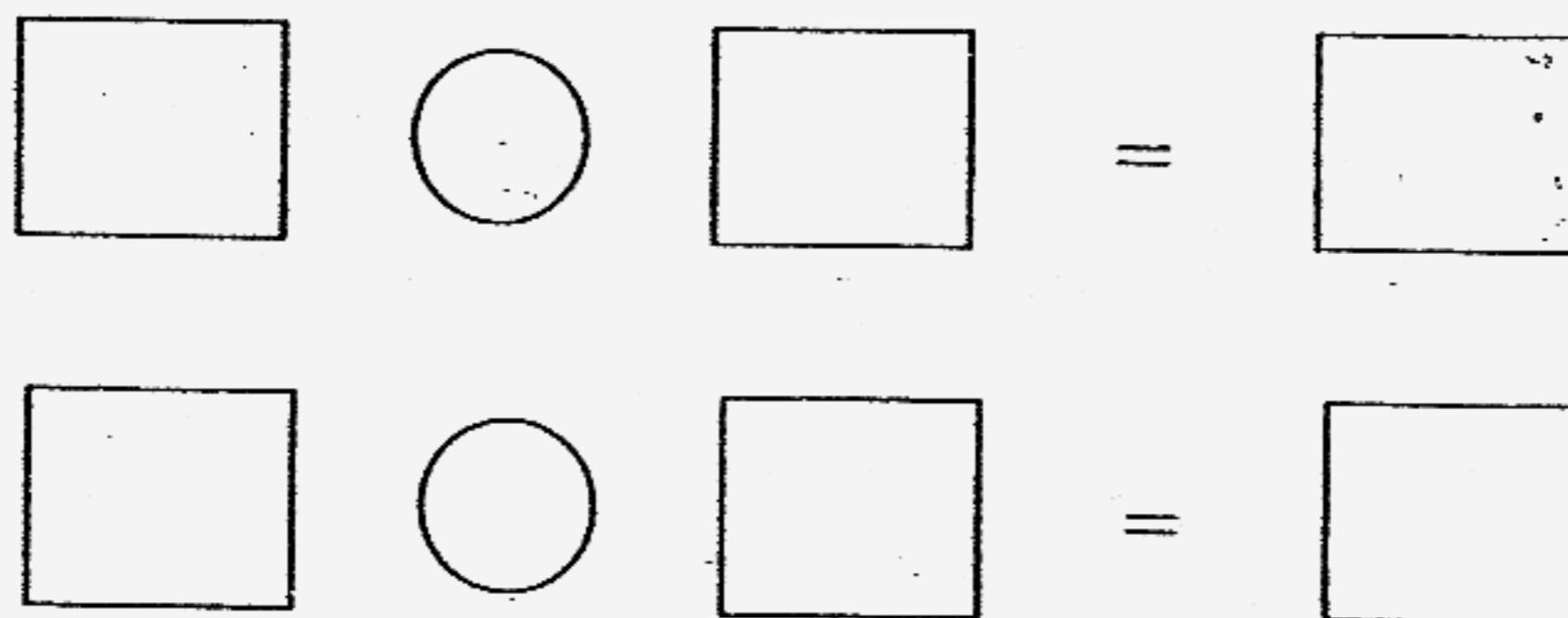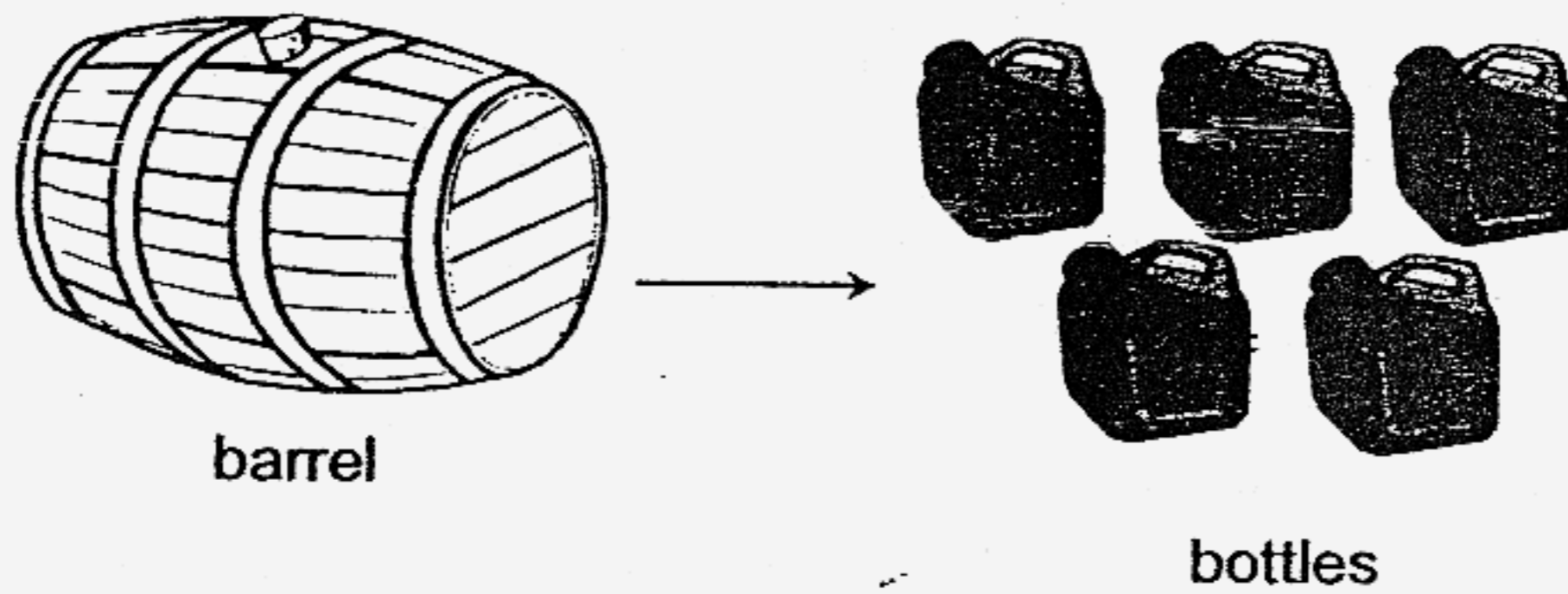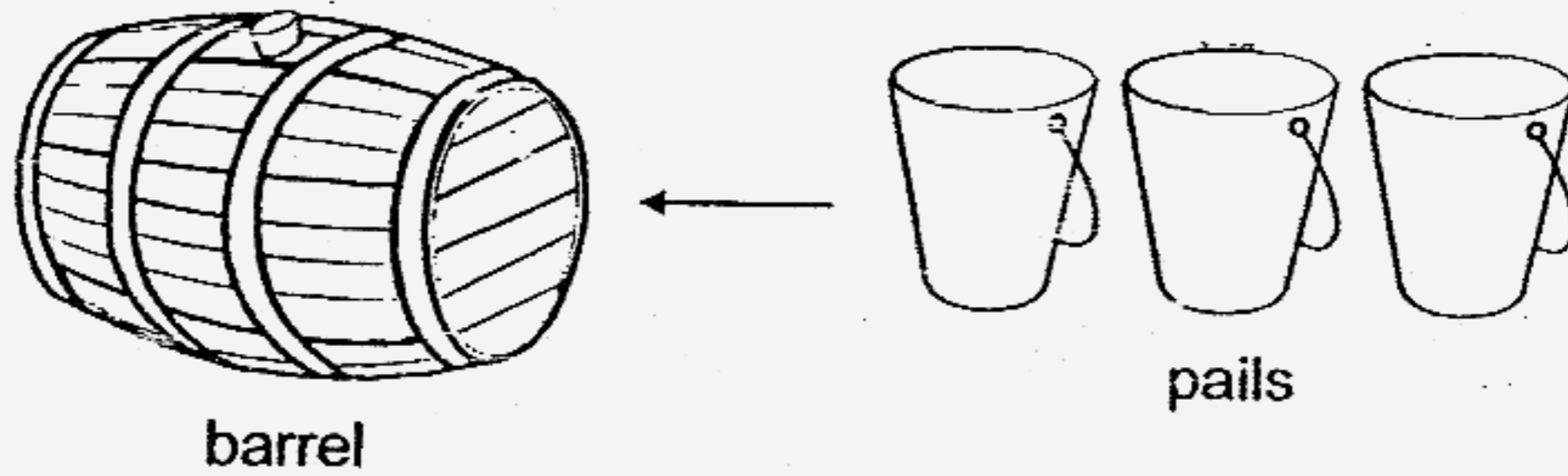
1 bottle can hold _____ litres of water.

45. Mrs Tan had $6.
   She bought a burger and another item.
   What was the item she bought if she had $1.50 left?

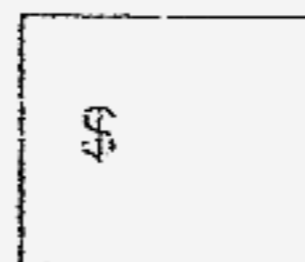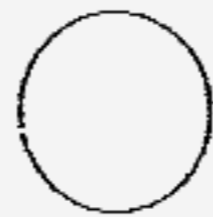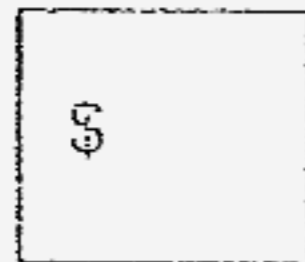| sandwich	a packet of fries	burger	hot dog bread	a can of soft drink
$2.90	$2.10	$3.90	$3.20	$0.60

$$\boxed{\$\quad} \bigcirc \boxed{\$\quad} = \boxed{\$\quad}$$

$$\boxed{\$\quad} \bigcirc \boxed{\$\quad} = \boxed{\$\quad}$$
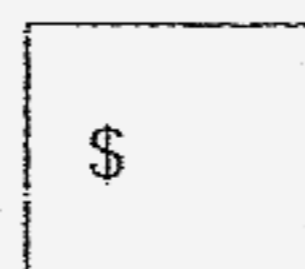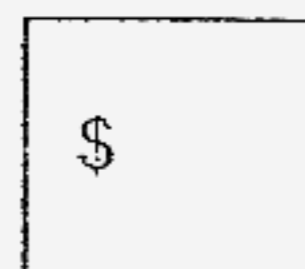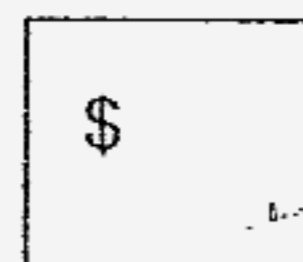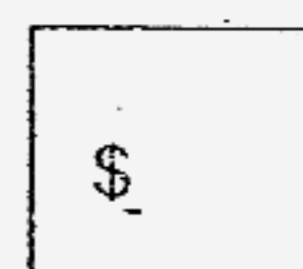
She bought _____.

☺ *End of Paper* ☺
Please Check Carefully.

Q1	Q2	Q3	Q4	Q5
4	3	1	1	3
Q6	Q7	Q8	Q9	Q10
3	1	2	4	4
Q11	Q12	Q13	Q14	Q15
1	1	4	4	2
Q16	Q17	Q18	Q19	Q20
3	3	4	2	2

21. **Seven hundred and forty-nine**

22. $372 - 202 = \underline{170}$

23. 205 , 250 , 502 , 520

24. $1000 - 430 = \underline{570}$

25. $9 \times 4 = 36$
    $36 + 3 = 39$

26. $180 - 50 = 130cm$

27. $300g \div 2 = 150g$
    $700g + 150g = 850g$

28. $\underline{7 \times 3 = 21}$
    $\underline{21 \div 7 = 3}$

29. $2 \times 5 = 10$
    $\underline{50} \div 5 = 2 \times 5$

30. $\$(10+10+5+2+0.50+0.50+0.20+0.10)$
    $= \underline{\$28.30}$

31a. $20.08 ÷ 100 = <u>2008¢</u>

31b. 359 x 100 = <u>$3.59</u>

32. $\dfrac{10}{10} - \dfrac{4}{10} = \dfrac{6}{10}$

33. $\dfrac{1}{2}$, $\dfrac{1}{8}$, $\dfrac{1}{10}$, $\dfrac{1}{12}$

34. 8 x 4 = <u>32 cups</u>

35. 4 x 2 = <u>8 semicircles</u>

36a. <u>3</u> triangles

36b. <u>3</u> quarter circles

37.

38. 3 + 2 = 5

3 x 2 = 6

5 x 2 = 10
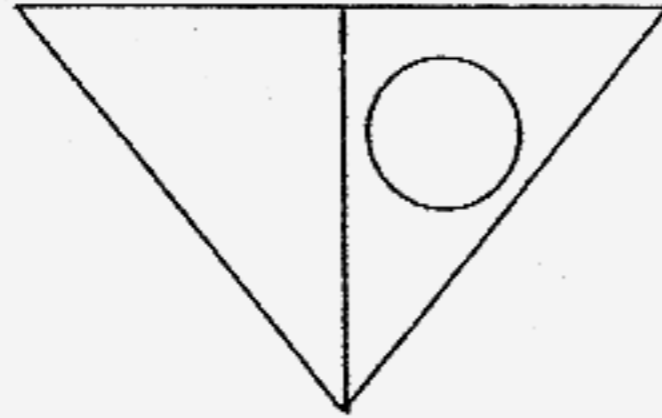
10 + 6 = <u>16ℓ</u>

39. 10 x 2 = 20
4 x 10 = 40 pupils
40 – 2 = 38
20 + 2 = <u>22 pupils</u>

40. Gopal = 27
Spin = 23
23 + 27 = 50 points

<u>Gopal and Spin</u>

41a.

Our Favourite Fruit

Each △ stands for 4 pupils.

41b. 4 x 12 = 48 pupils
There are 48 pupils together.

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42. $423 - 220 = 203$

$423 + 203 = 626$

They collected 626 stamps together.

43. $33 - 5 = 28$

$28 \div 4 = 7$

Each son got 7 cookies.

44. $10 \times 3 = 30\ell$

$30\ell \div 5 = 6\ell$

1 bottle can hold 6 litres of water.

45. $\$6.00 - \$1.50 = \$4.50$

$\$4.50 - \$3.90 = \$0.60$

She bought a can of soft drink.