NANYANG PRIMARY SCHOOL

SECOND SEMESTRAL EXAMINATION 2005

PRIMARY 1

MATHEMATICS

DURATION : 1 HOUR 30 MINUTES

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

Total:	/100

Questions 1 to 20 carry two 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. There are 5 red cups and 2 blue cups. How many
   cups are there altogether?

   (1)   6   (2)   2
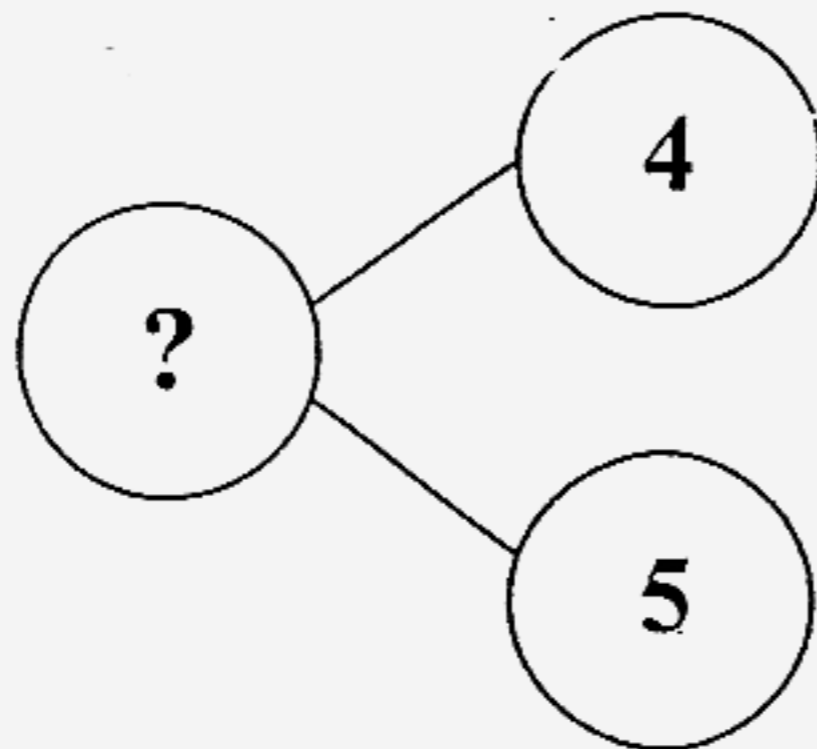   (3)   7   (4)   8   (   )
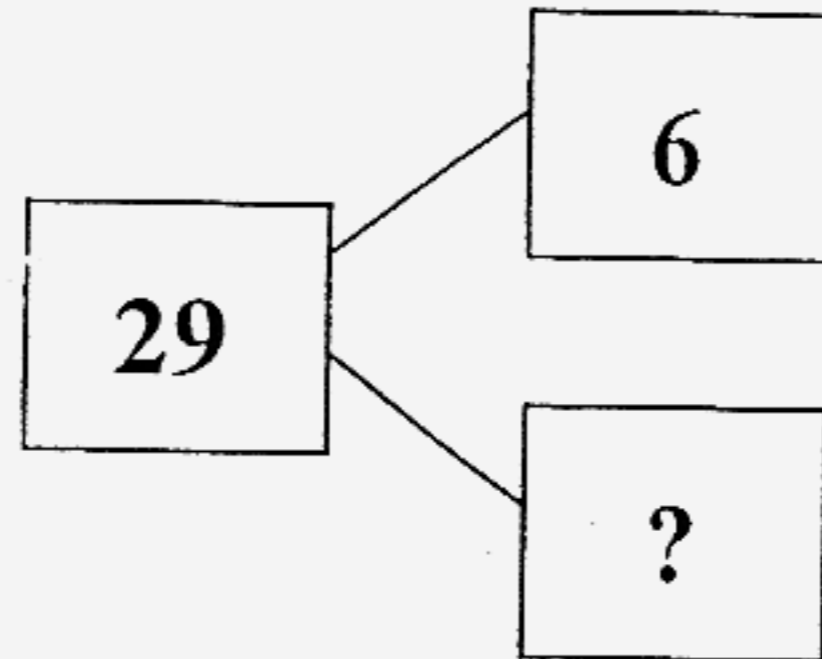
2. Choose the correct number to complete the
   number bond.

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

3. What is the missing number?

(1)   23
(3)   13

(2)   22
(4)   6   (   )

4. Ali is standing between Peter and Mary. Peter is the last person in the queue. Jane is standing in front of Mary. Who is the second person in the queue?

(1)   Ali
(3)   Mary

(2)   Jane
(4)   Peter   (   )

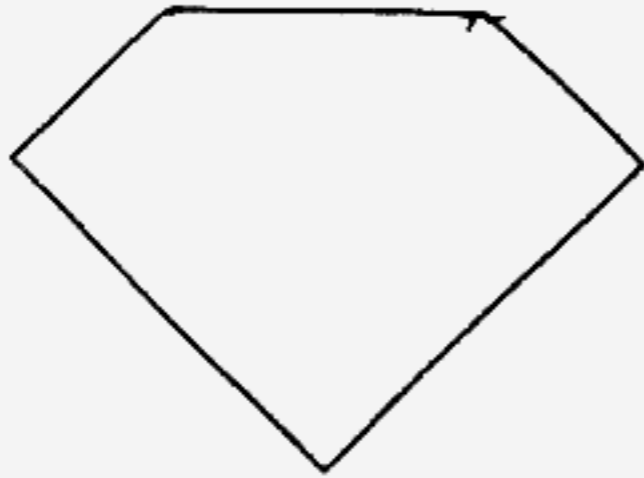5. Siti has 35 paper clips. She gives 8 paper clips to her classmate. How many paper clips does she have now?
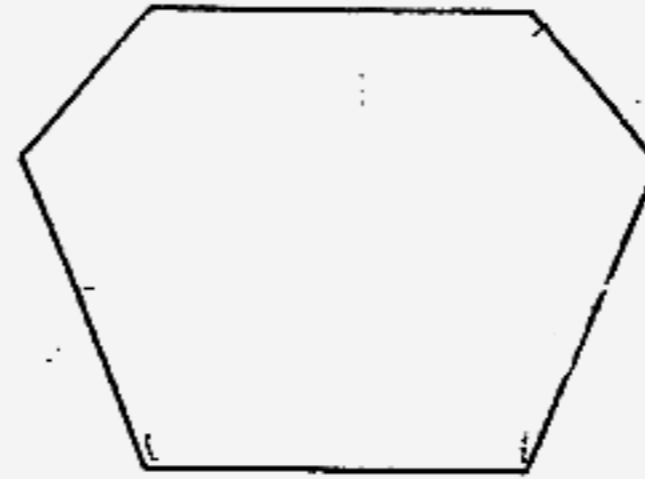
(1)   20
(3)   27

(2)   23
(4)   43   (   )

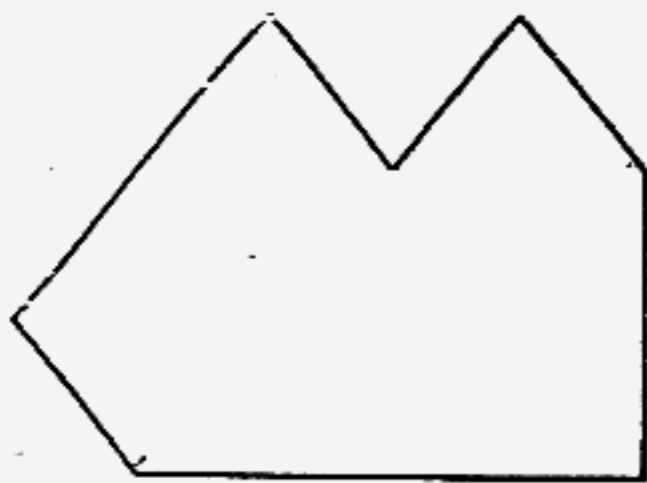6. A shape is formed by putting two triangles and a rectangle together. What is this shape?

(1)

(2)

(3)

(4)

(   )

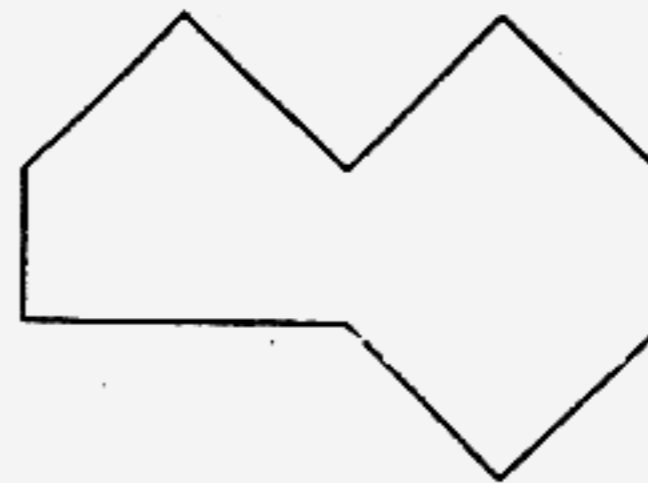7.   The piece of paper is _____ ☐ long.

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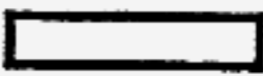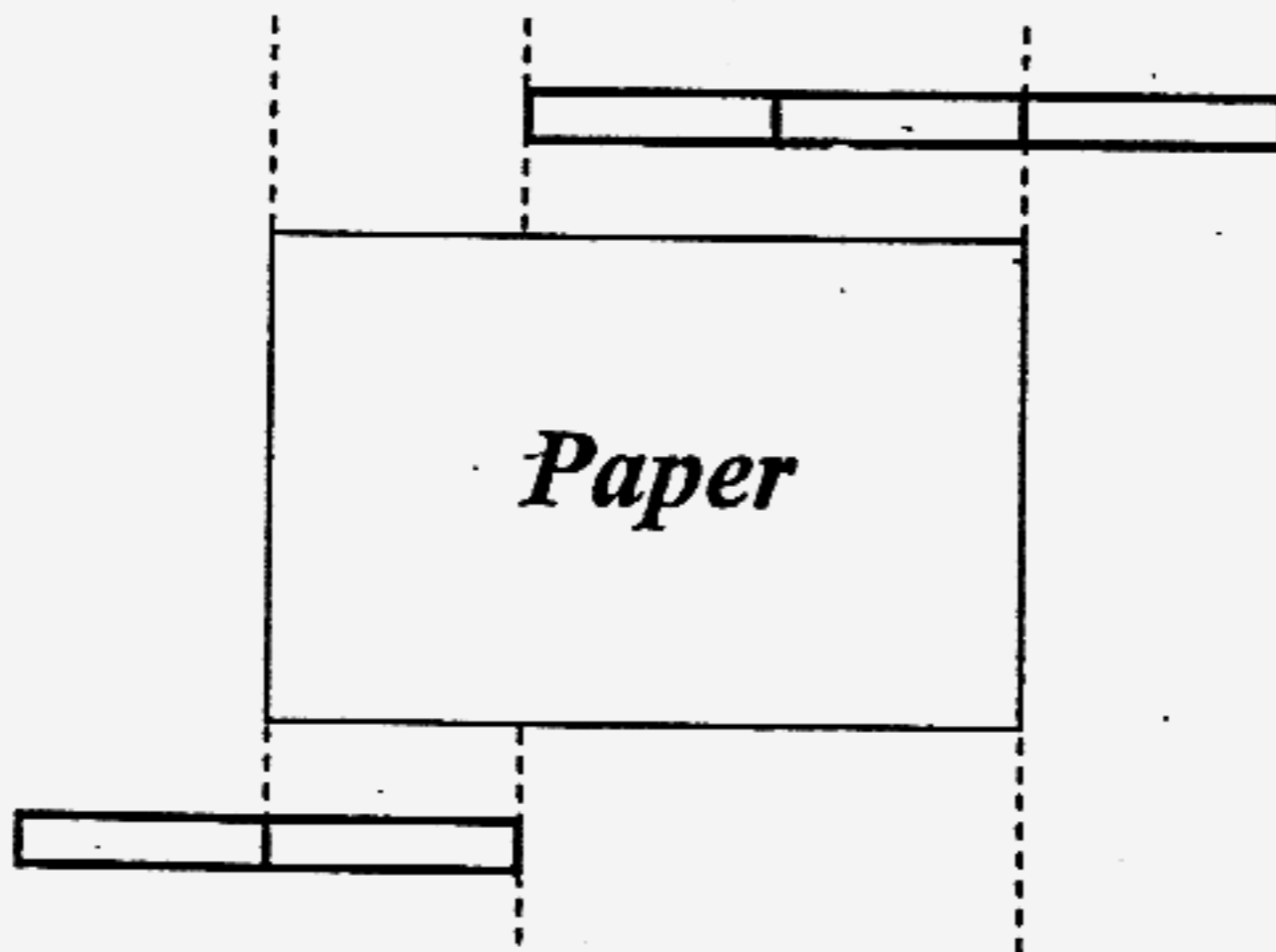
(1)   7   (2)   2
(3)   3   (4)   5   (   )

3

8. Which of these numbers is greater than 16 but smaller than 20?

    (1)   14   (2) 17
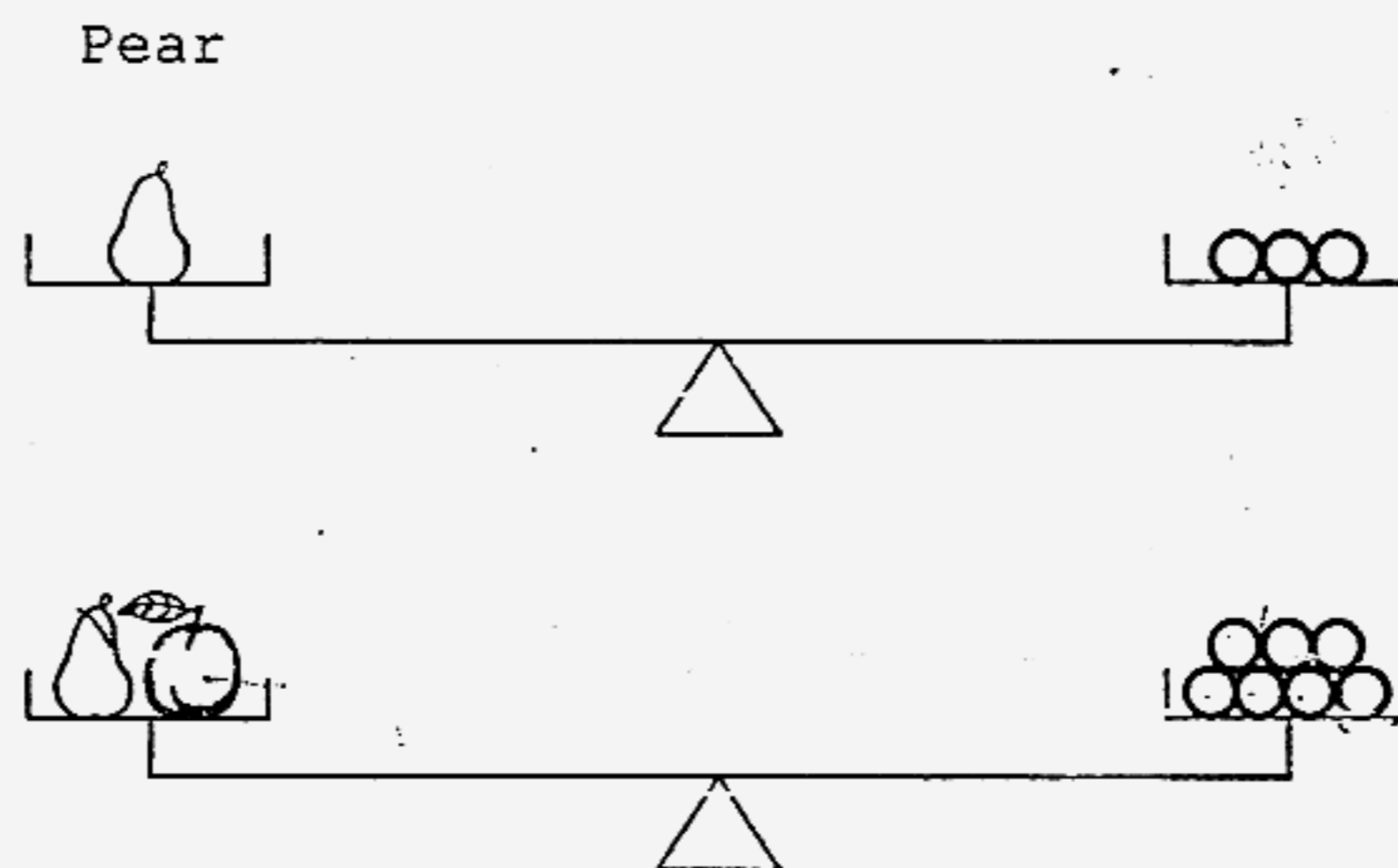   (3)   20   (4) 22   (   )

9. Study the diagram below carefully. What is the mass of two peaches?

Pear

    (1) 10   (2) 8
    (3) 7   (4) 4   (   )

4

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

    29, 24, _____, 17, 15, 14

    (1)   18   (2) 20
    (3)   21   (4) 23   (   )
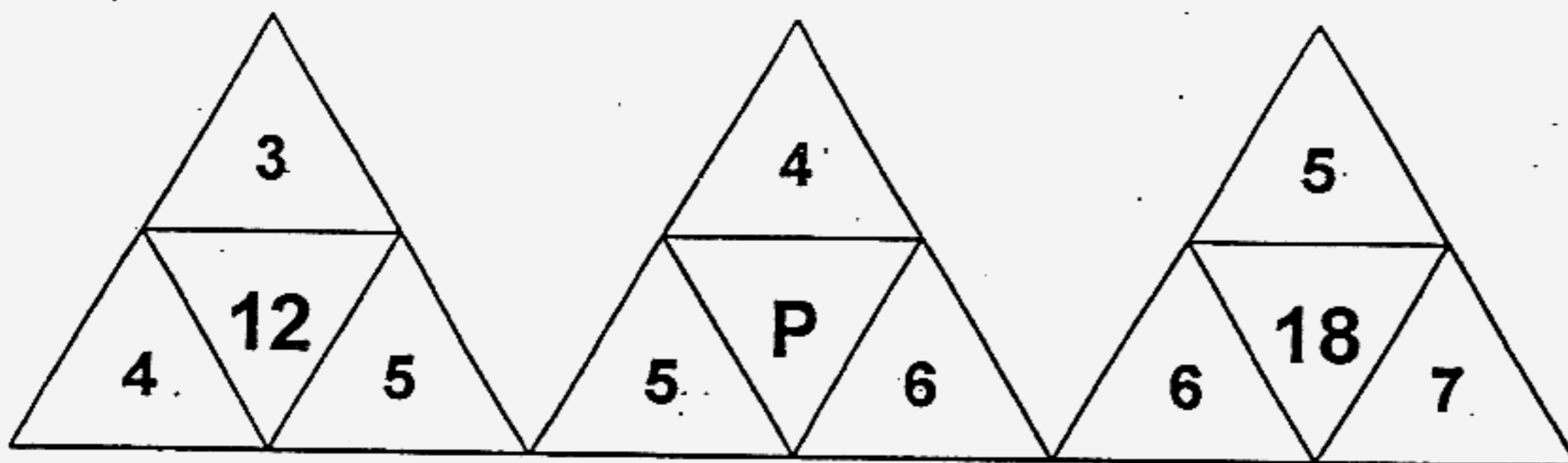

11. Peter had some stamps.
    Miss Tan gave him another 16 stamps.
    He had 43 stamps after that.
    How many stamps did Peter have at first?

    (1)   27   (2)   33
    (3)   37   (4)   59   (   )

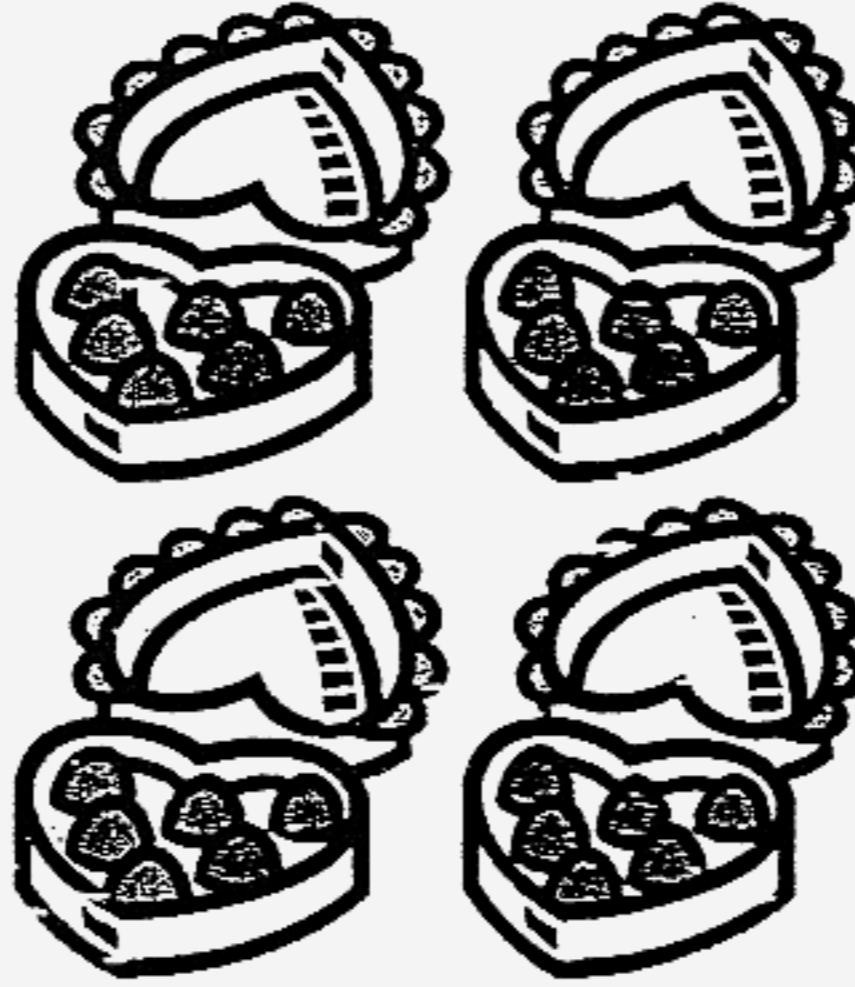12. Study the number pattern carefully.
    What does P stand for?

    (1)   13   (2)   14
    (3)   15   (4)   16   (   )

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13. There are 6 pieces of chocolates in each box.
How many pieces of chocolates are there in 4
boxes?

(1)   10   (2)   20
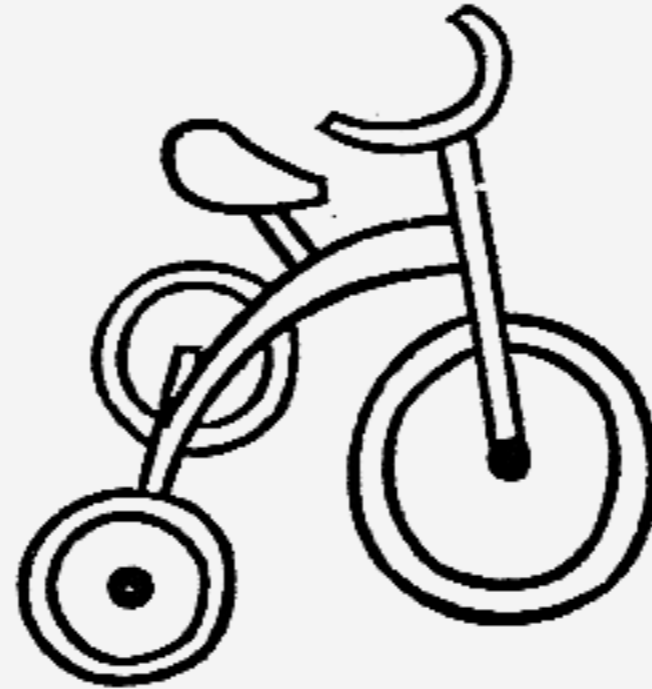(3)   24   (4)   28   (   )

14. Each tricycle has 3 wheels.
How many wheels do 5 tricycles have?

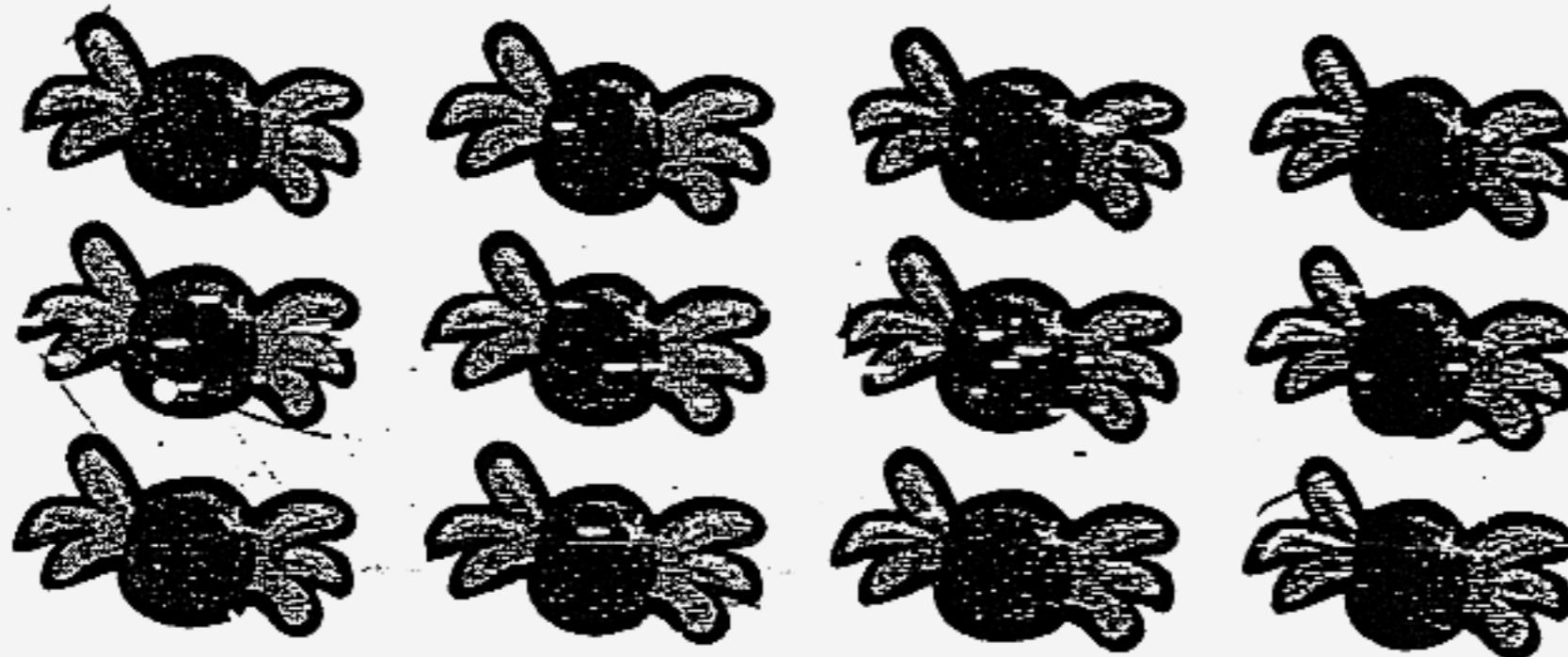(1)   8   (2)   12
(3)   15   (4)   18   (   )

15. There were 12 sweets in a box.
    After 2 girls took an equal number of sweets each, there were 2 sweets left.
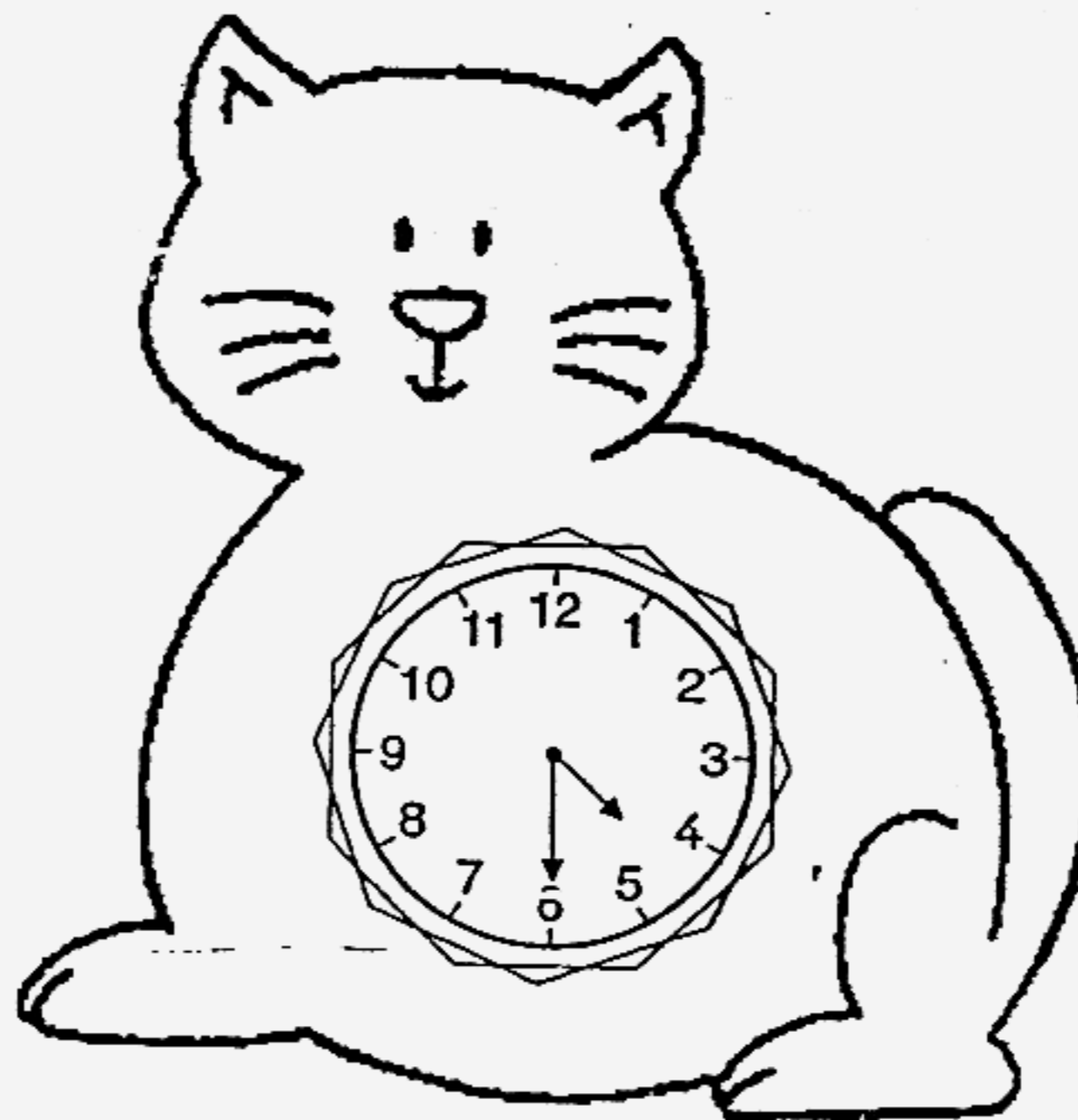   How many sweets did each girl take?

(1)   5   (2)   6
(3)   3   (4)   10

                              (   )
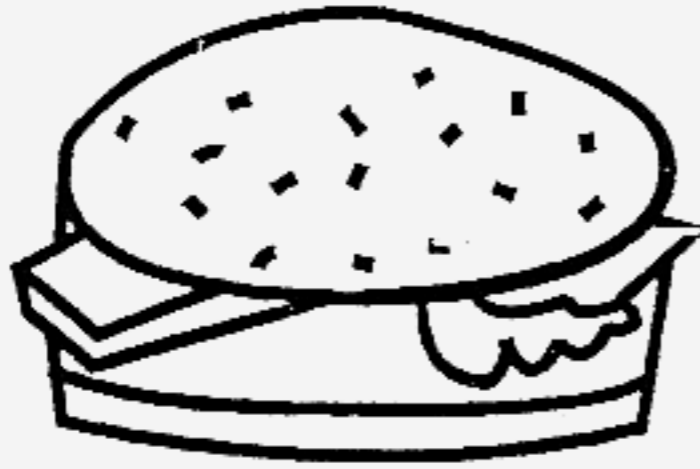
16. What is the time shown on the clock below?

(1)   4 o'clock   (2)   half past 4
(3)   5 o'clock   (4)   half past 5

                              (   )
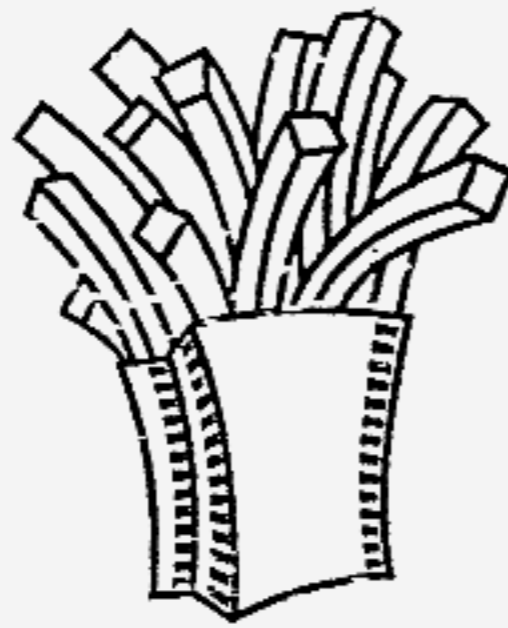
7

17.

Hamburger
$2

Orange Juice
80 ¢

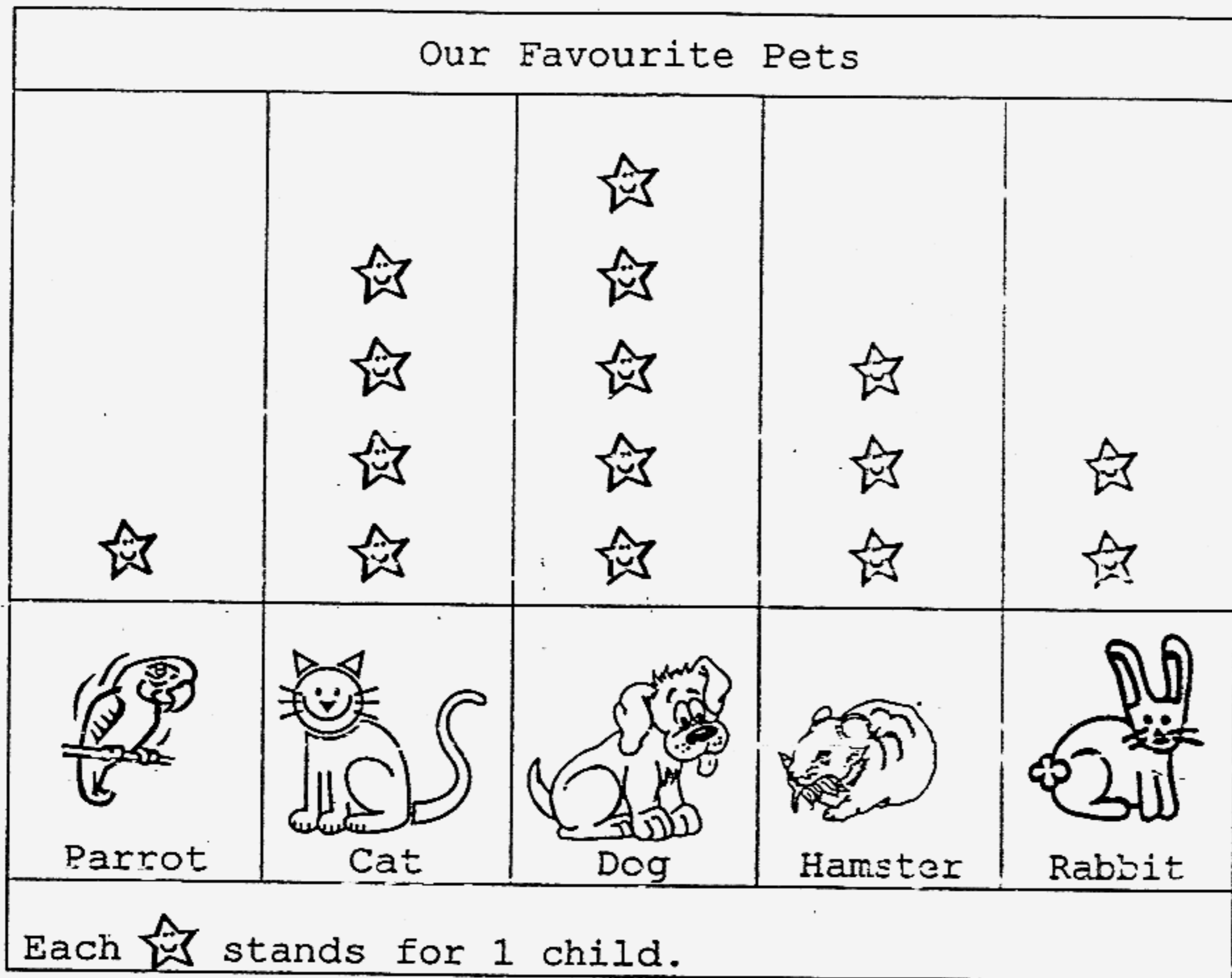Ice Cream
60 ¢

French fries
$1

Apple
40 ¢

Lollipop
20 ¢

Jessie spent $3 on 3 items. What did she buy?

(1) Hamburger, French Fries
(2) Orange Juice, French fries, Lollipop
(3) Hamburger, Ice Cream, Apple
(4) Ice Cream, Apple, French Fries

(   )

18. The graph below shows the favourite pets of some children.

Our Favourite Pets				
		☆		
	☆	☆		
	☆	☆	☆	
	☆	☆	☆	☆
☆	☆	☆	☆	☆
Parrot	Cat	Dog	Hamster	Rabbit

Each ☆ stands for 1 child.

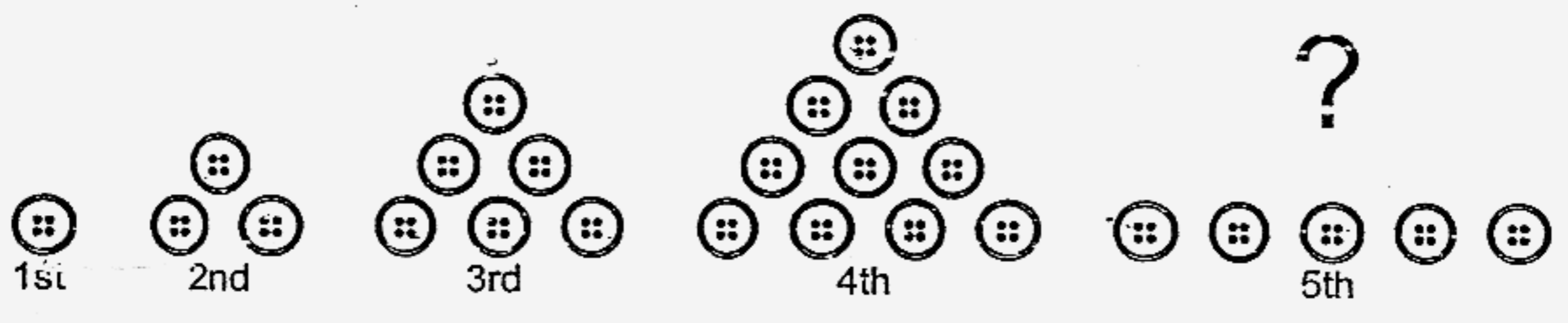The number of children who like dogs is the same as the number of children who like _____ and _____.

(1) cats, hamsters
(2) cats, rabbits
(3) parrot, hamsters
(4) hamsters, rabbits

(   )

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19. One five-dollar note =

    (1)   1   (2)   5
    (3)   10   (4)   25   (   )

20. David uses some buttons to make a pattern.

1st   2nd   3rd   4th   5th

How many **more** buttons are needed for the 5th pattern?

    (1)   9   (2)   10
    (3)   15   (4)   19   (   )
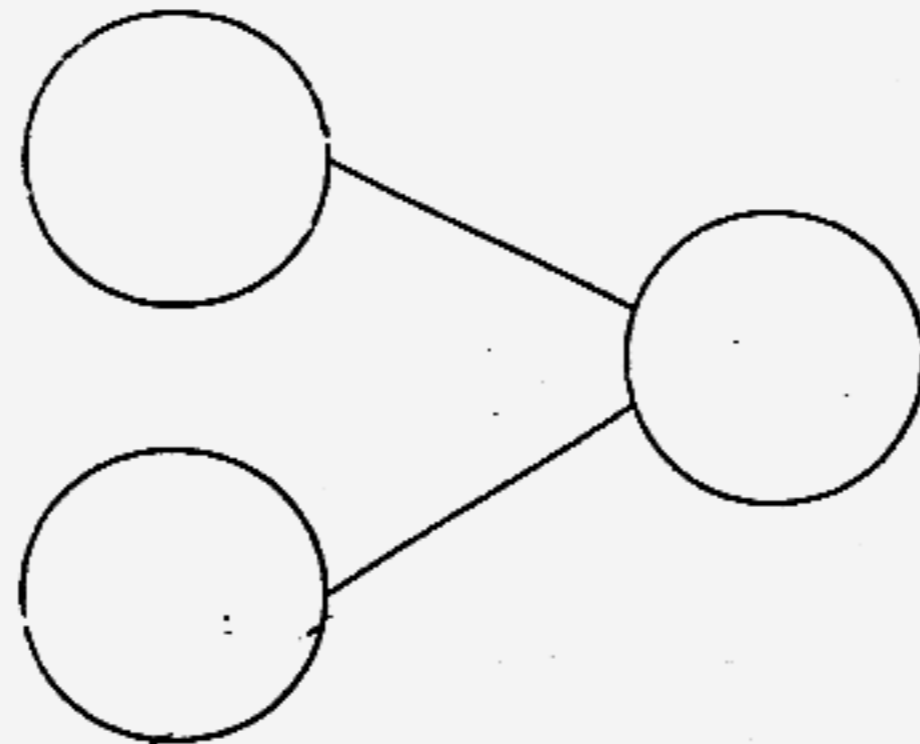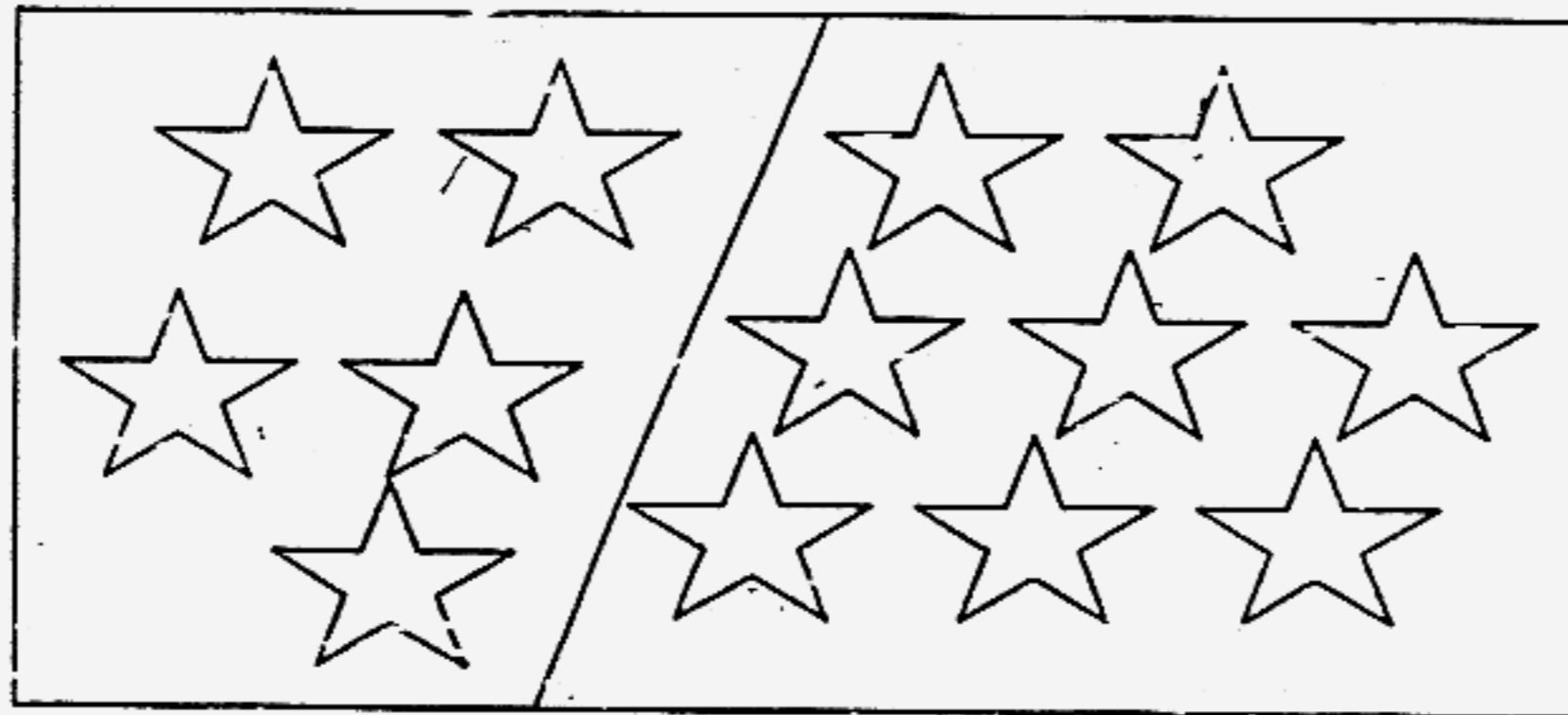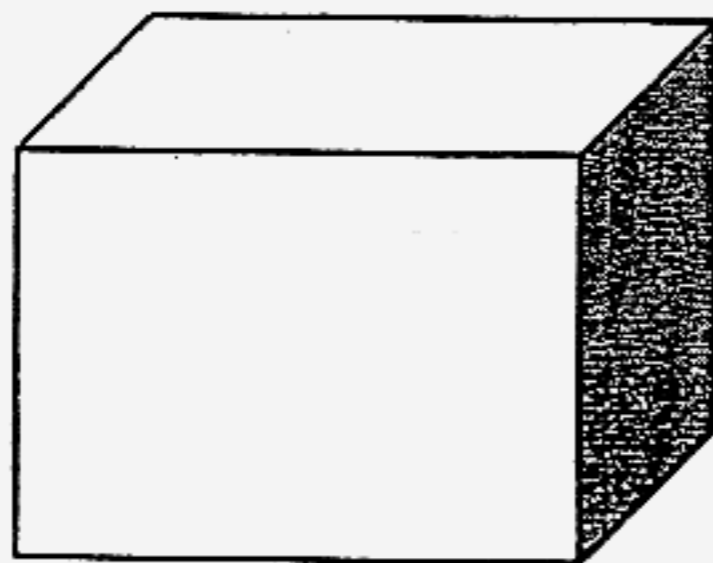
Questions 21 to 40 carry 2 marks each.
Write your answers in the blanks provided.

(Total: 40 marks)

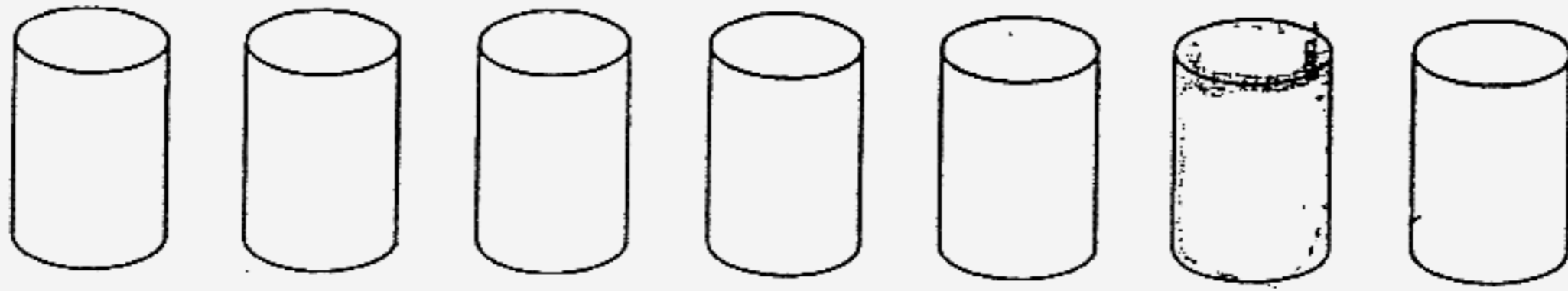21. Look at the picture carefully and complete
    the number bond.

22. There are 18 marbles altogether. How many
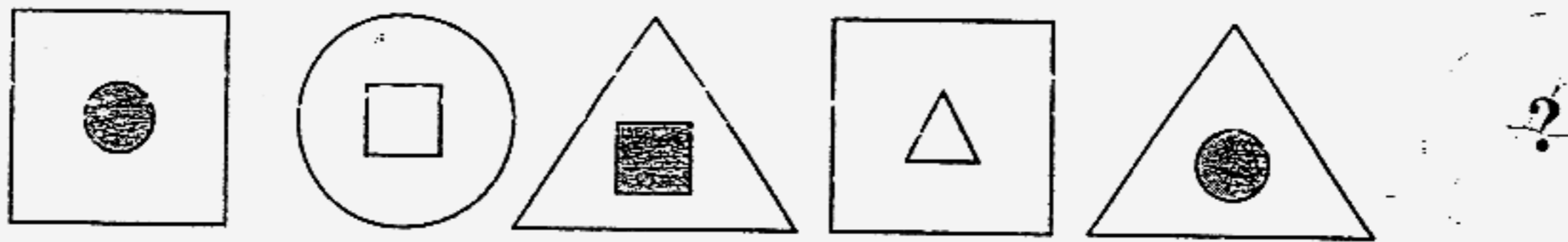   marbles are there in the box?

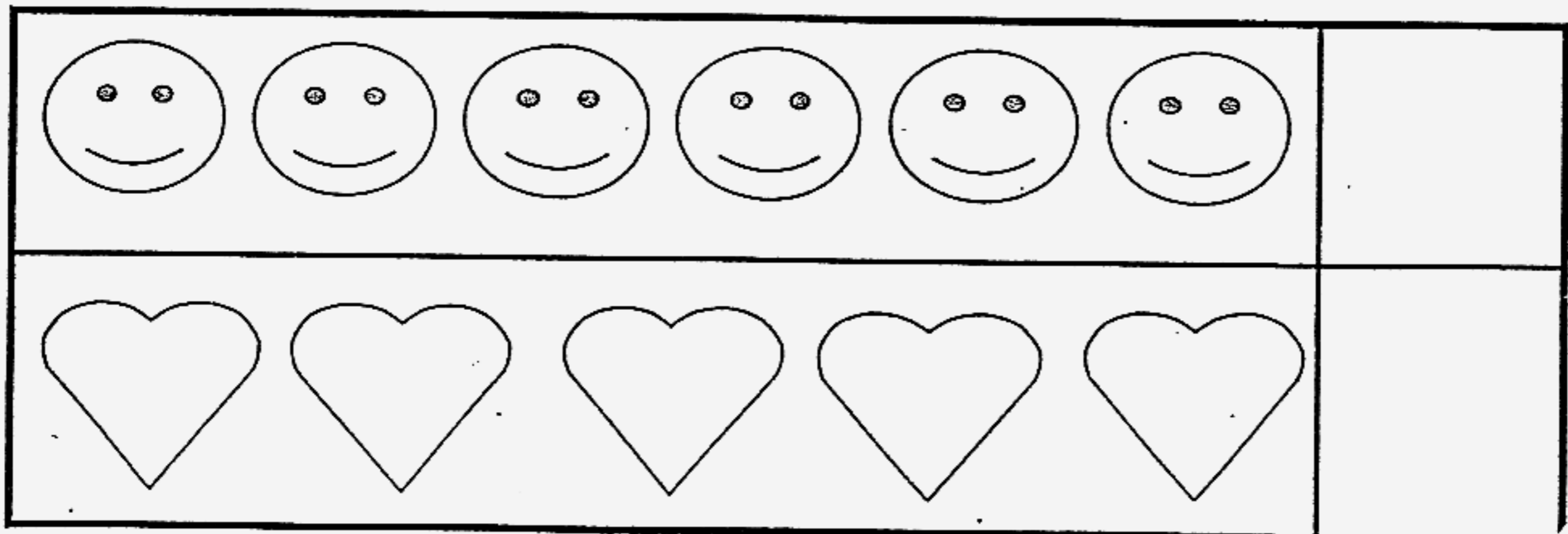Answer: _____

11

23.

Colour the figure that is second from the **right**.

24. Look at the pattern below. Draw the figure that comes next.

Answer: _____
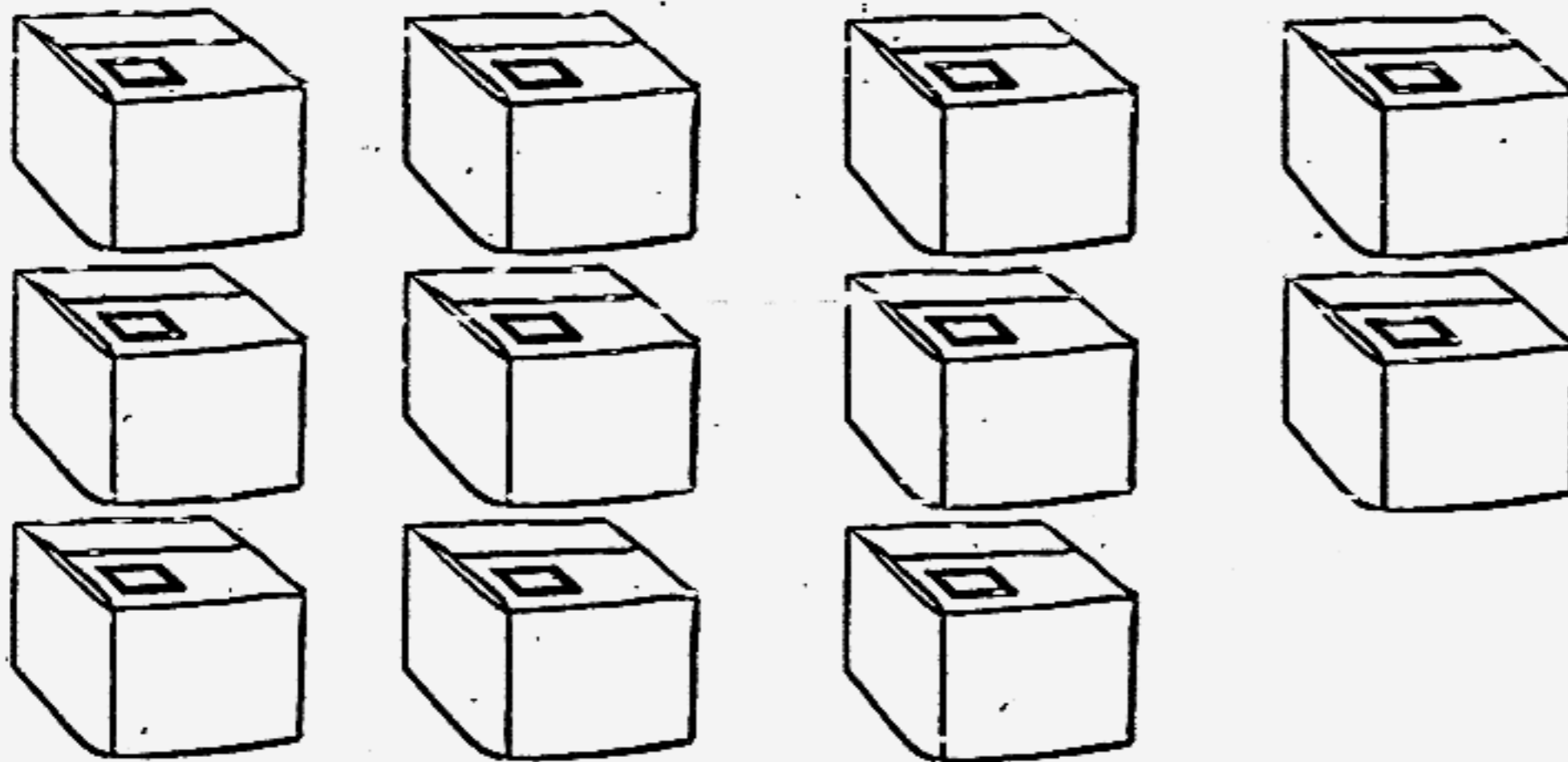
25. Tick the set that has **less**.

26. Jack has 4 more pencils than Jill. They have
    10 pencils altogether. How many pencils does
    Jack have?

                            Answer: _____

27. Mr Li has some boxes as shown below. He buys
    5 more boxes.
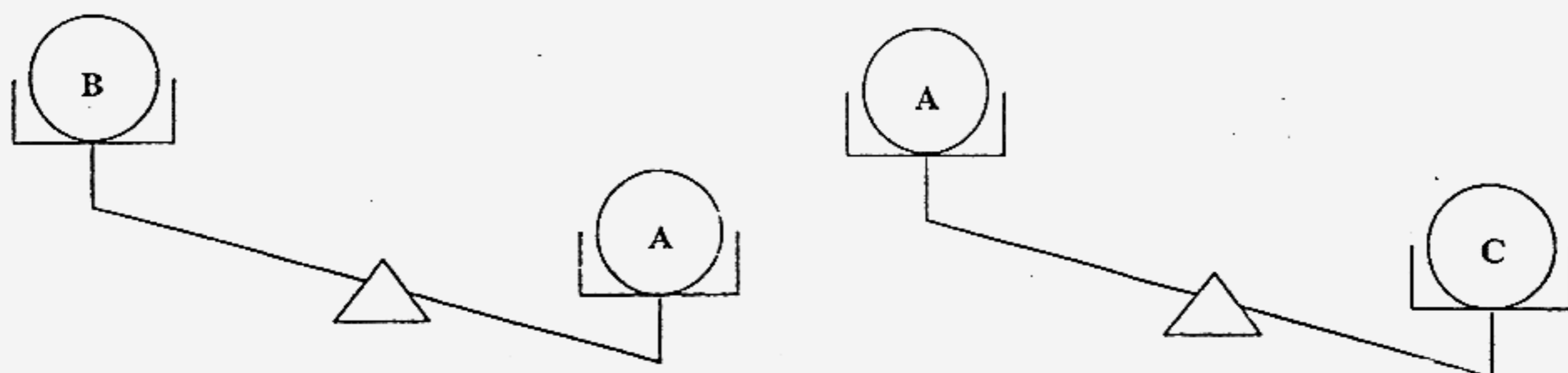   How many boxes does he have now?

                            Answer: _____

28. There are 31 boys and 7 girls in a class. How
    many children are there altogether?

                            Answer: _____
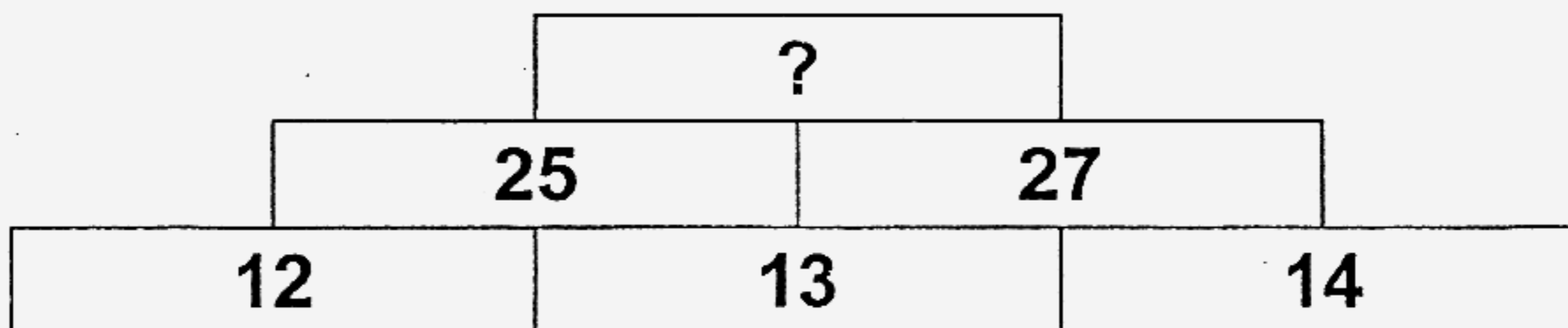
29. Which is the **lightest** ball?

Answer: _____

30. Joshua bought 13 fish. Issac bought 4 fewer fish than Joshua. How many fish did Issac buy?
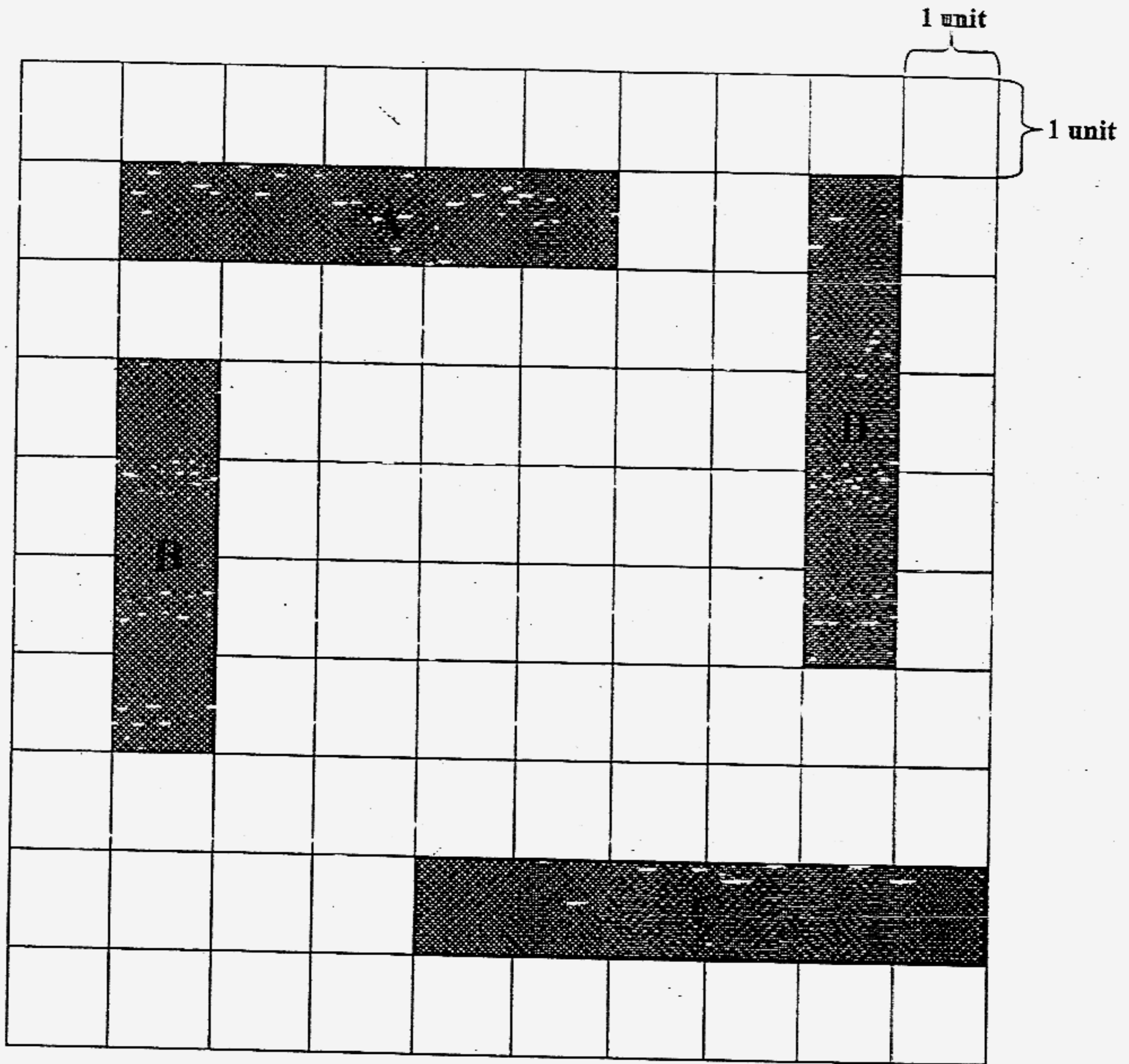
Answer: _____

31. What is the missing number in the box?

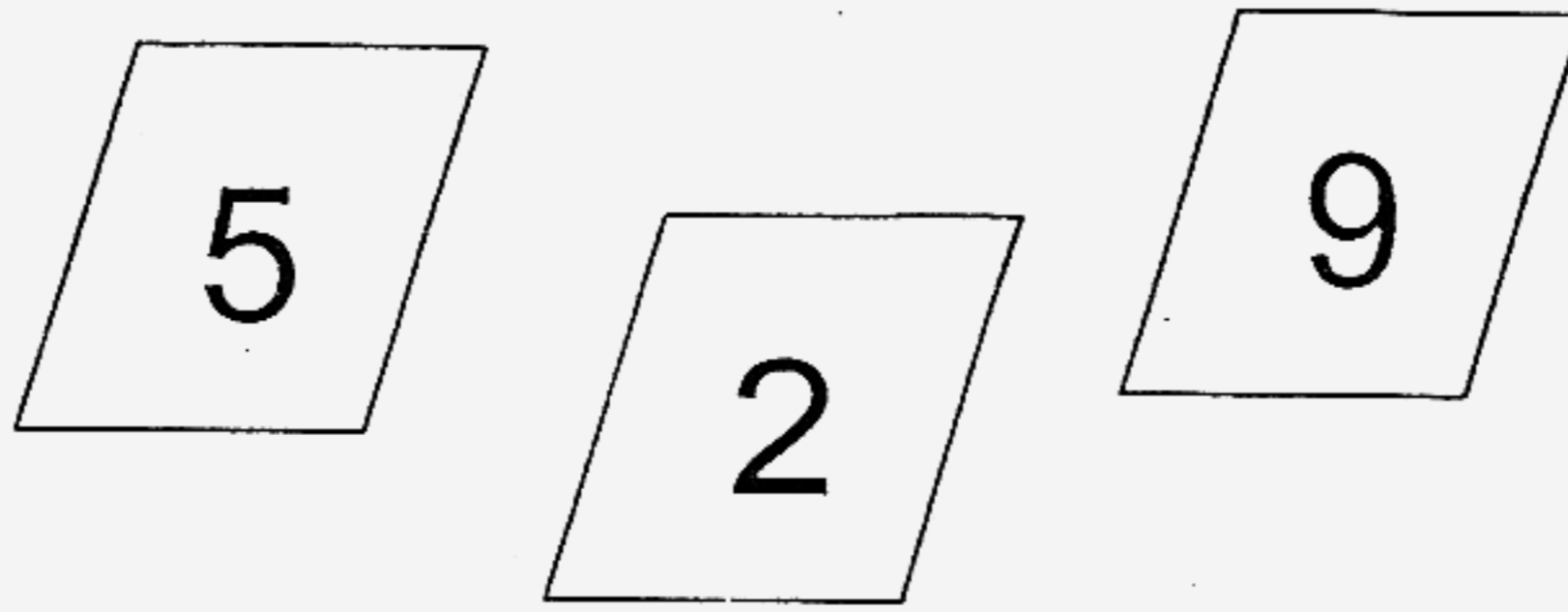| ?	
25	27

12	13	14

Answer: _____

14

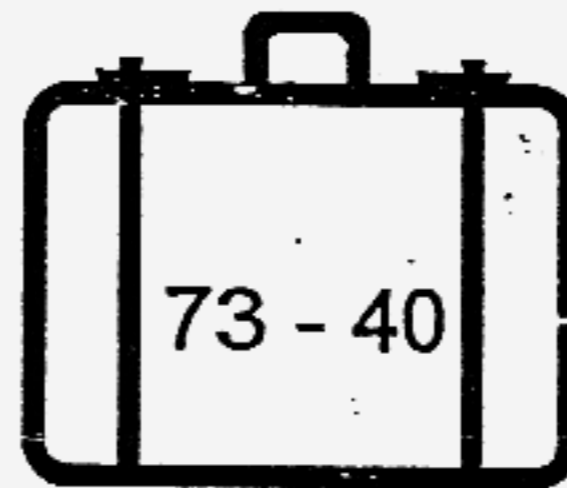32. Study the diagram carefully.

Tape _____ and Tape _____ are of the same length.

33.

5   2   9

Using any two cards, the **greatest** number you can form is _____ and the **smallest** number you can form is _____.

34. Colour the two bags that have the same answer.

63 - 30

73 - 40

53 - 10

43 - 20
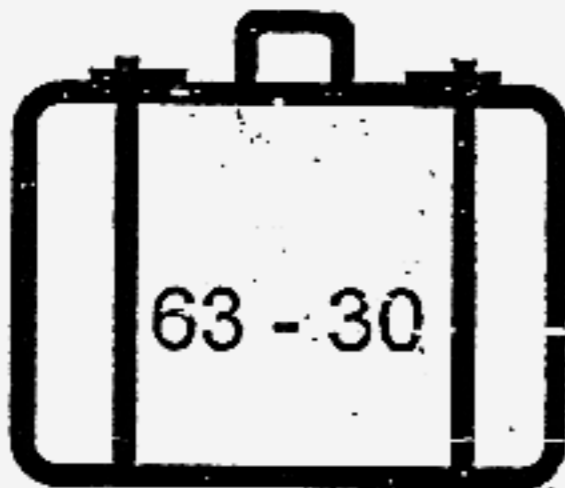
35. Look at the pictures below and write a
    multiplication sentence.

$$\boxed{} \bigcirc \boxed{} = \boxed{}$$
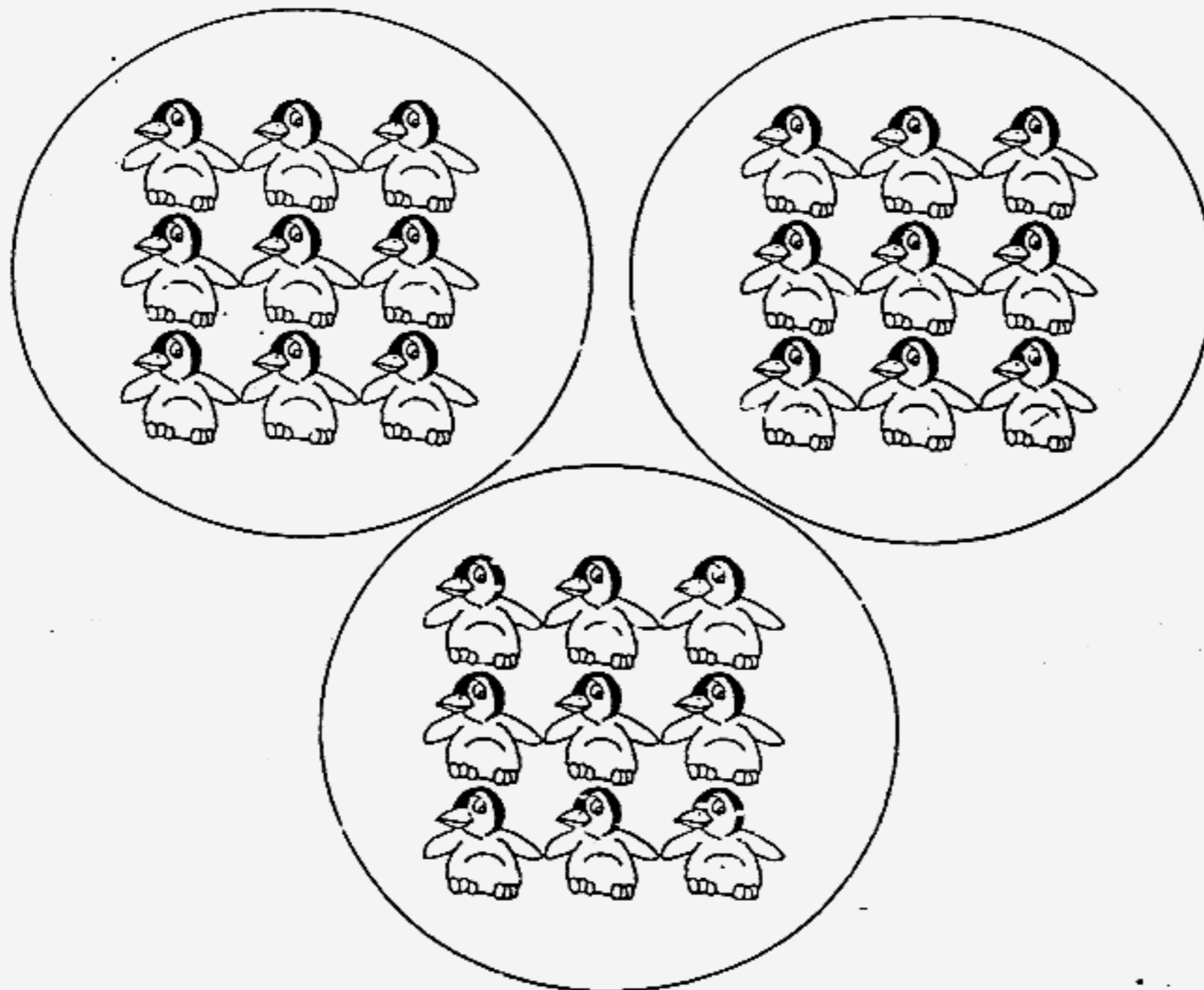
36. Mother cut an orange into 4 slices.
    How many oranges did Mother cut?

Answer: _____

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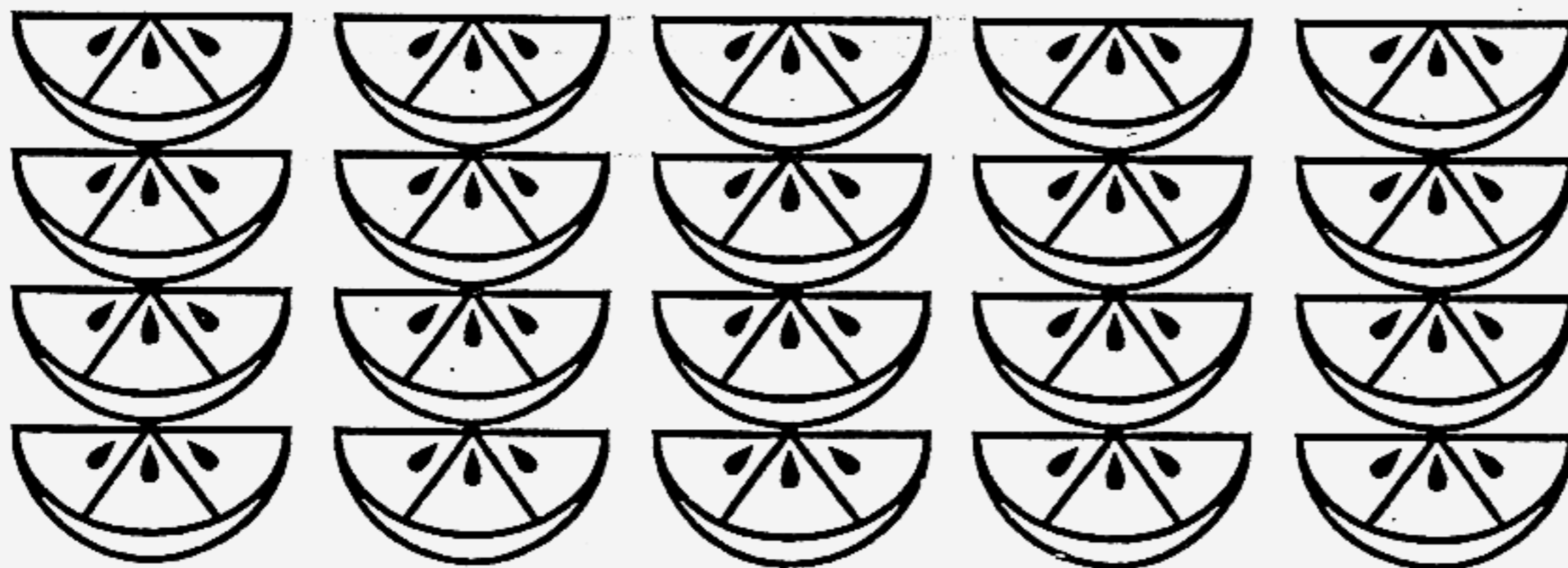
37. Ali had his lunch before 2 o'clock but after 1 o'clock.
At what time did he have his lunch?
Colour the clock that shows the correct time.
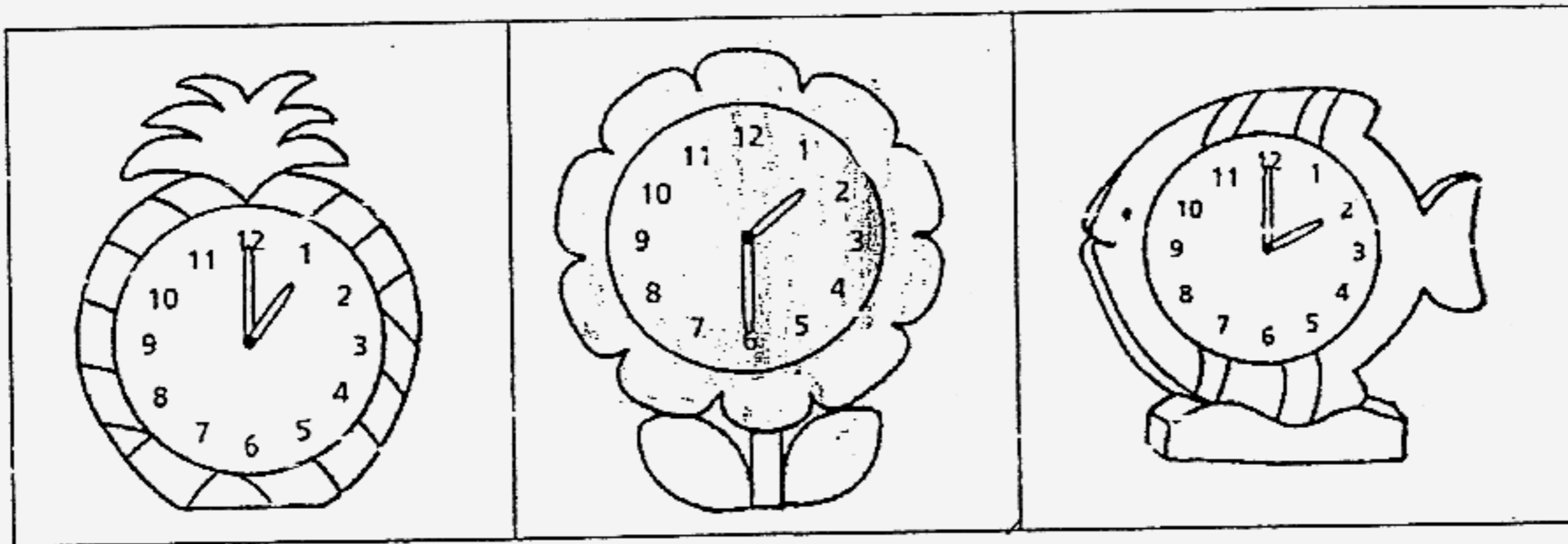
38. Mary uses **5 coins** to buy the box of crayons.
Colour ~~Cross~~ out the coins she uses to pay for the box of crayons.

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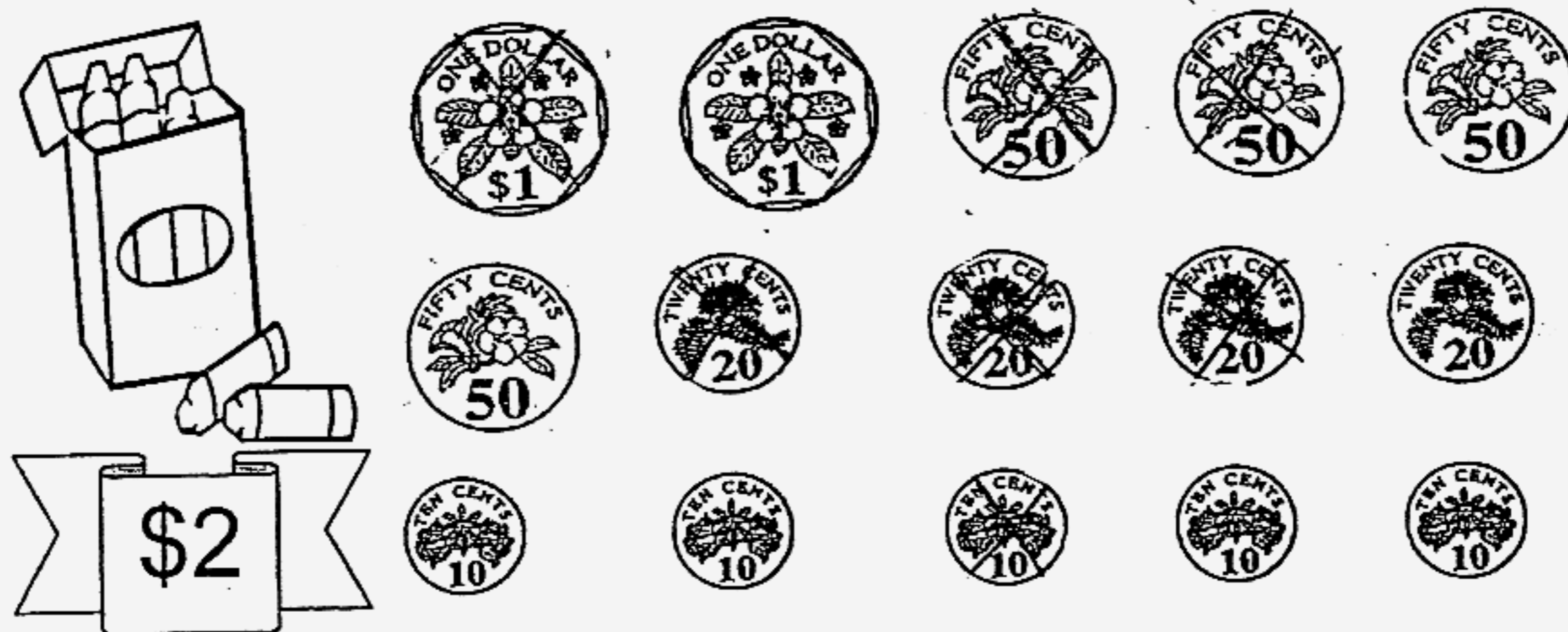
39. The graph below shows the favourite ice cream flavours of some children.

Our Favourite Ice Cream			
Chocolate	Strawberry	Vanilla	Raspberry Ripple

Each 🍦 stands for 1 child.
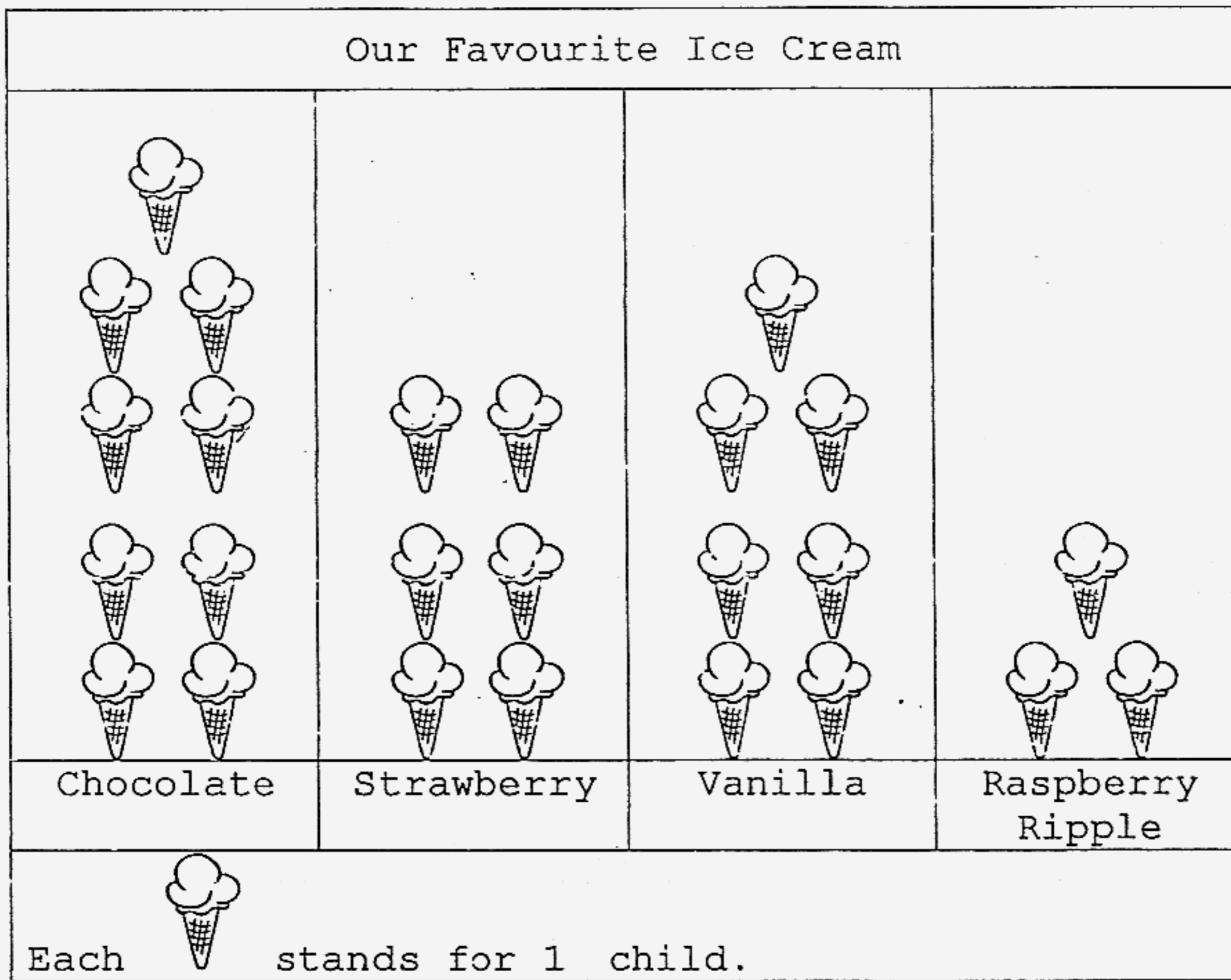
3 more children like _____

ice cream than raspberry ripple ice cream.

40. Fill in each circle with '+' or '−'.

2 ◯ 4 ◯ 5 ◯ 7 = 8

Questions 41 to 45 carry 4 marks each.
Do these word problems carefully.
Show your working in the space provided.

(Total: 20 marks)

41. Look at the diagrams below.

Use ● as 1 unit.

(a) The mass of the toy lion is _____ units.
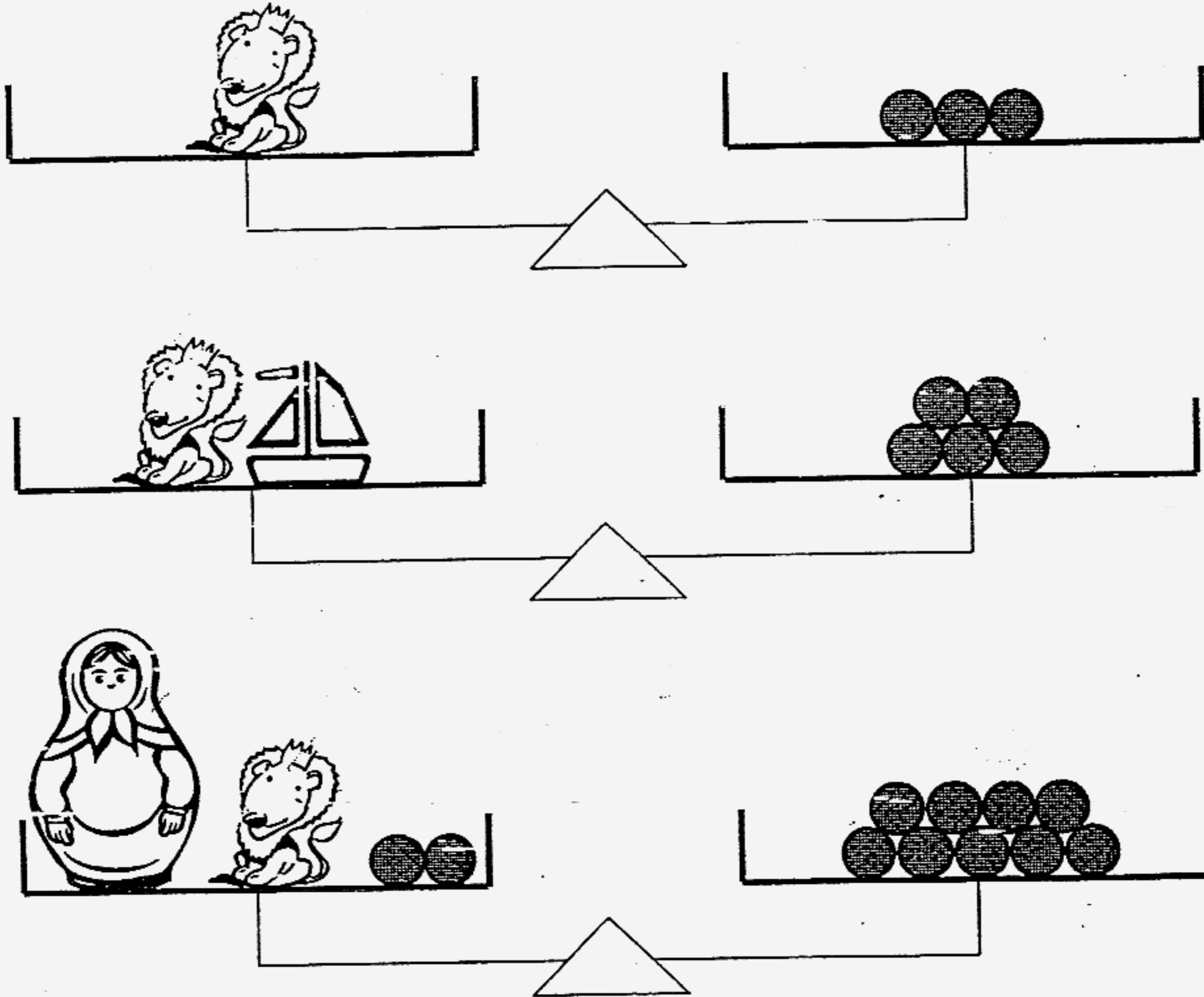
(b) The mass of the toy boat is _____ units.

(c) The mass of the doll is _____ units.

42. Mr Lim had 65 pots.
    He sold 27 pots in the morning and 33 pots in the afternoon.

    (a) How many pots did he sell altogether?

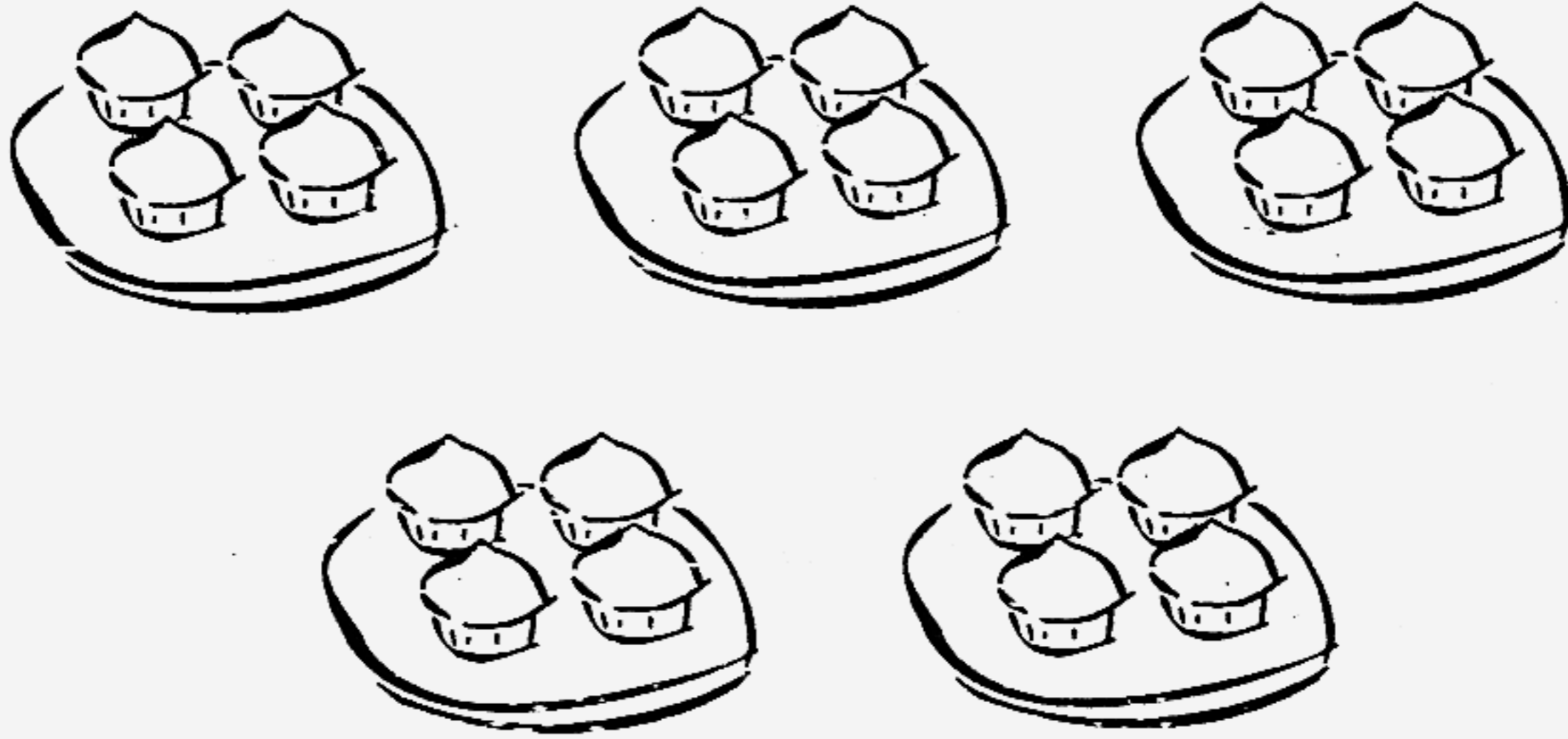 $\boxed{}\ \bigcirc\ \boxed{}\ =\ \boxed{}$

    He sold _____ pots.

    (b) How many pots did he have left?

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

    He had _____ pots left.

43. Mr Ang had 5 plates of muffins.
There were 4 muffins on each plate.
He gave away 2 plates of muffins to his friends.

(a) How many plates of muffins were left?

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

He had _____ plates of muffins left.

(b) How many muffins did he have left?

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

He had _____ muffins left.

44. Samuel bought a toy car and a toy train.
    He gave the cashier 10 ten-dollar notes.
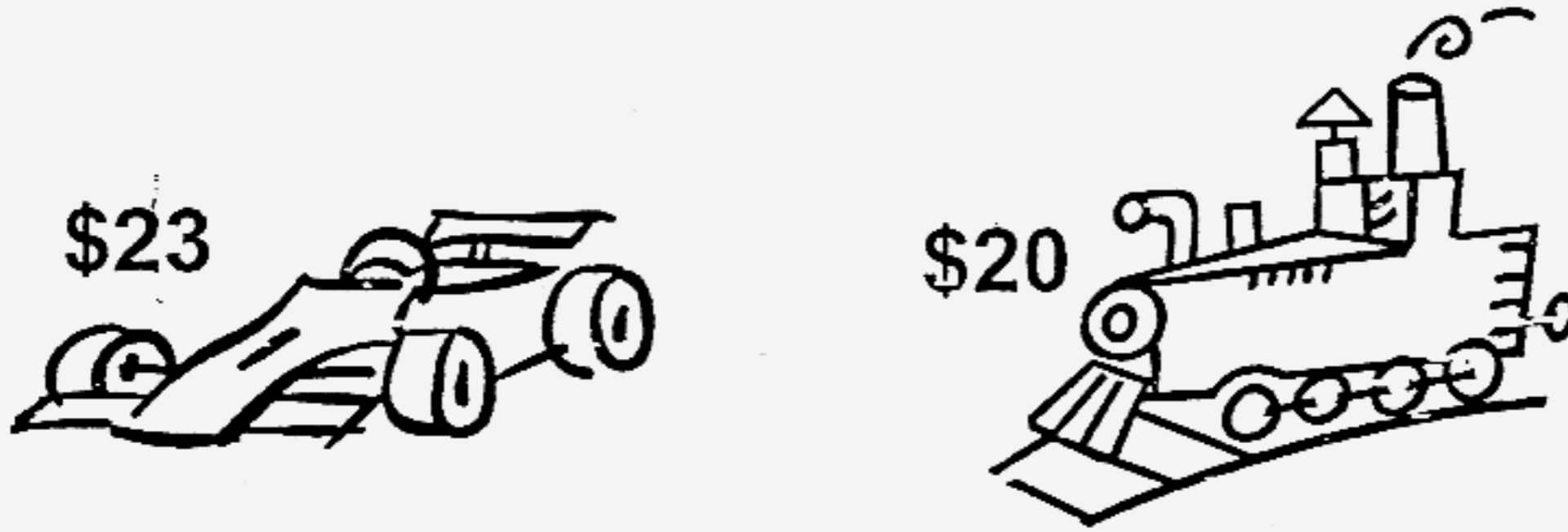
$23   **$20**

(a) How much did he spend?

$ ☐ ◯ $ ☐ = $ ☐

He spent $ _____ .

(b) How much change did he receive?

$ ☐ ◯ $ ☐ = $ ☐

He received $ _____ .

45. The graph below shows the number of books read by 4 children.

Number of books each child read								
Kenny	📖	📖	📖	📖	📖	📖	📖	📖
Han Bin								
Jill	📖	📖	📖	📖	📖			
Nicole	📖	📖	📖	📖	📖	📖		

Each 📖 stands for 1 book.
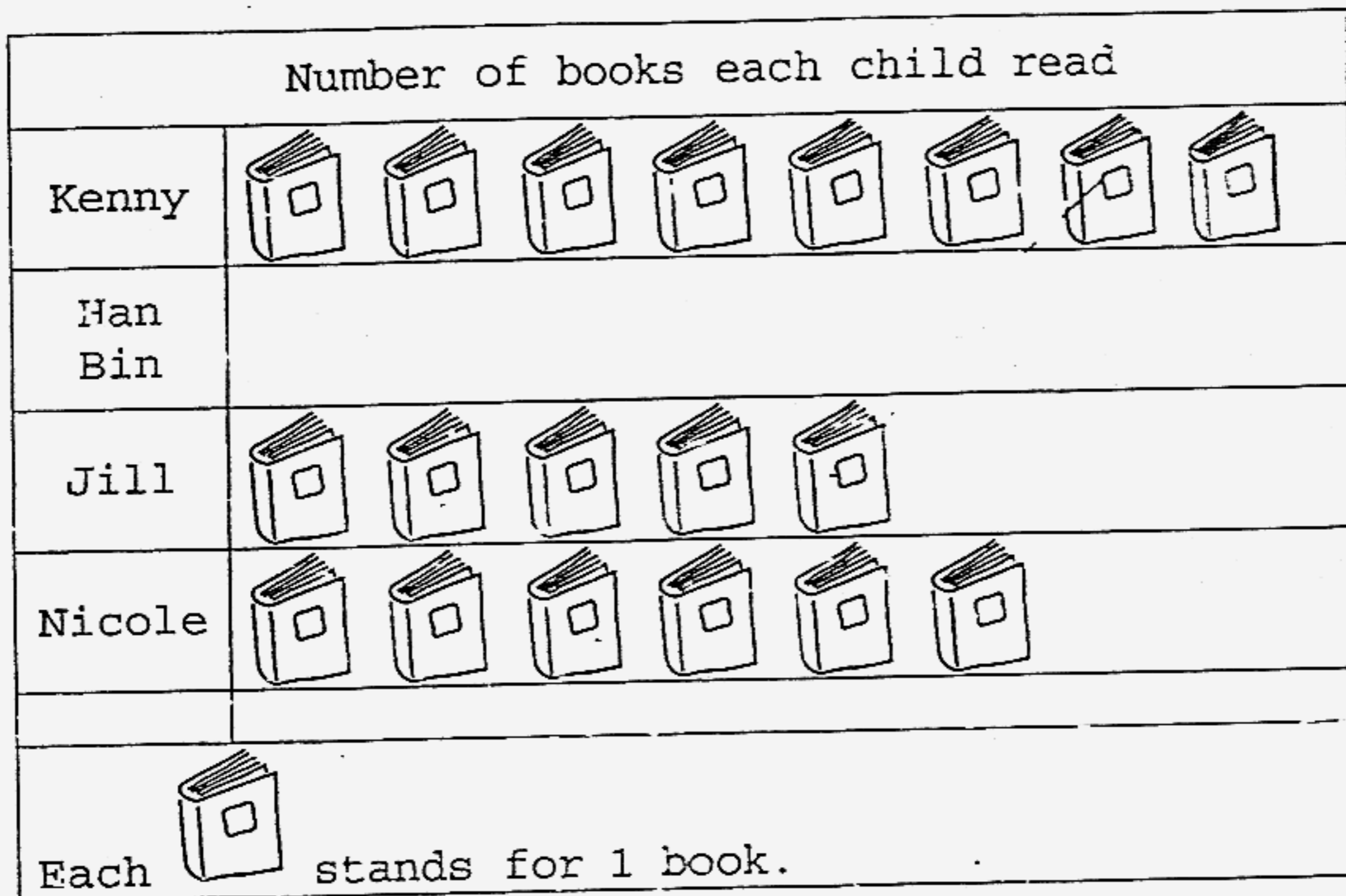
(a) Han Bin read more books than Nicole but fewer books than Kenny.
Complete the graph by drawing the number of books Han Bin read.

(b) How many more books did Kenny read than Jill?

☐ ◯ ☐ = ☐

Kenny read _____ more books than Jill.

☺ *End of Paper* ☺
Please Check Carefully

Setters: Mrs Stephanie Teng
Miss Amanda Mak

Nanyang Primary School
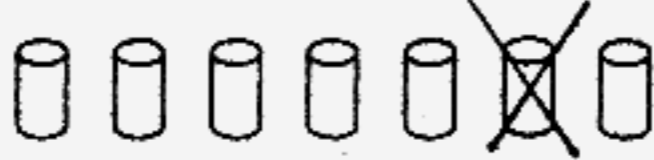
Primary 1 Maths SA2 Exam (2005)

Answer Sheets

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

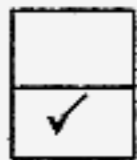21. 5
      13
      8

22. 14

23.

24.

25.

26. 7
27. 16
28. 38
29. B
30. 9
31. 52

32. A and D

33. 95
      25

34. 63 — 30
      73 — 40

35. 3 x 9 = 27

36. 5

37.

38.

39. Strawberry

40. + — +

41. a) 3   b) 2   c) 4

42.   a) $27 + 33 = 60$
               60
        b) $65 - 60 = 5$
              5

43.   a) $5 - 2 = 3$
             3
        b) $20 - 8 = 12$
             12

44.   a) $23 + 20 = 43$
        b) $100 - 43 = 57$
           $57.00

45.   a) Han Bin (Draw seven books)
        b) $8 - 5 = 3$
            3