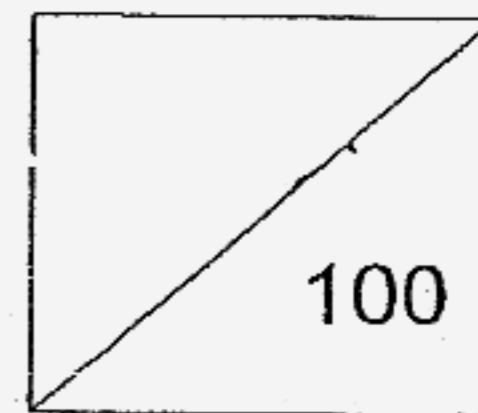# Catholic High School
End-Of-Year Examination 2007
Mathematics
Primary 1

100

Name:_____(   )

Class: Primary 1 _____

Date: 25th October 2007

Duration: 1 h 15 min

Parent's Signature : _____

There are 3 sections consisting of **24 pages** in this paper.

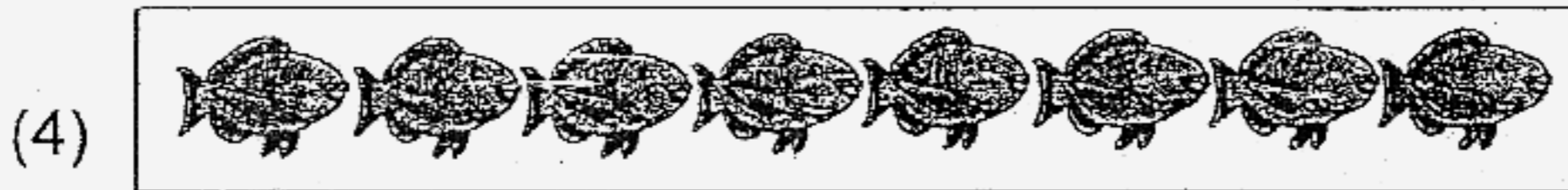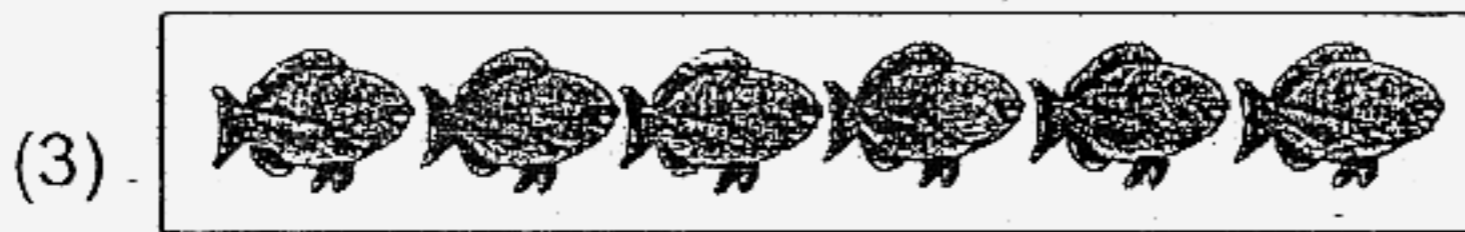Section A: Multiple-Choice Questions (MCQ)   20 x 2 marks

Section B: Open-Ended Questions   20 x 2 marks

Section C: Story Sums   5 x 4 marks

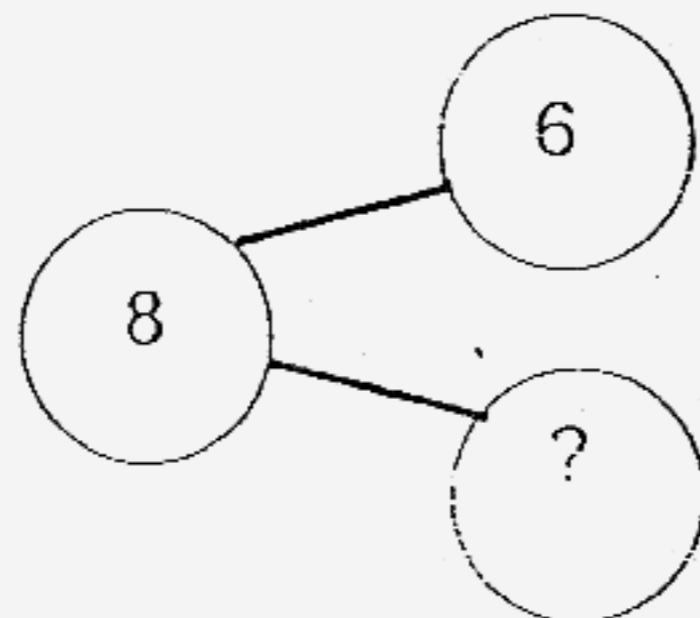## Section A: Multiple-Choice Questions (20 x 2 marks)

Choose the correct answer and write its number in the bracket provided.

1. Which of the following set of pictures shows eight?

(1)

(2)

(3)

(4)

(   )

2. Look at the number bond below. What is the missing number?
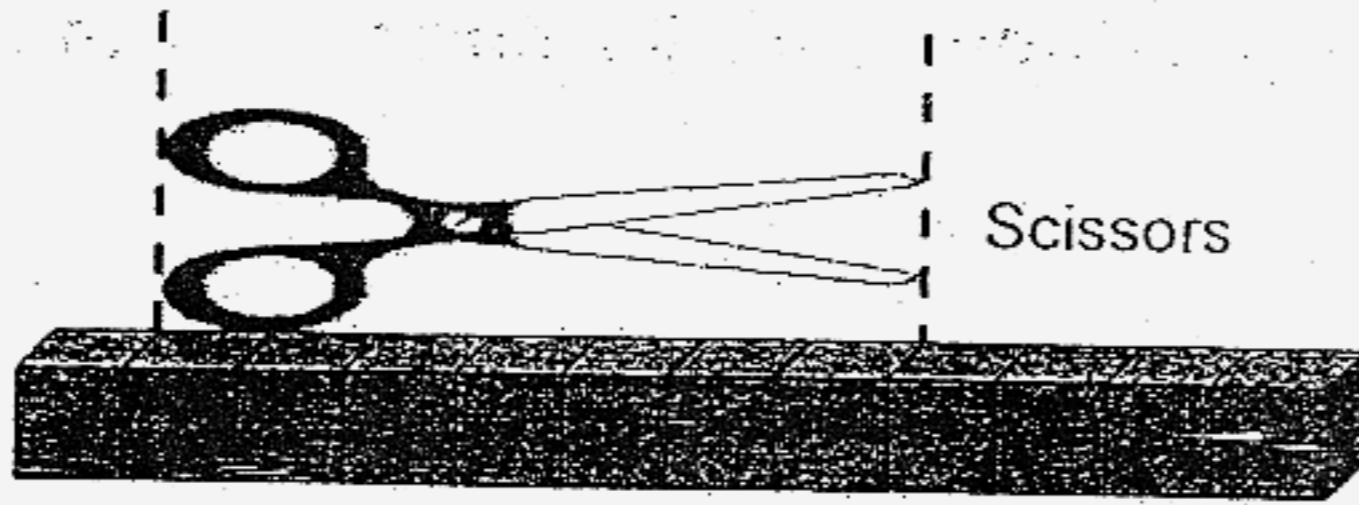
(1)   6

(2)   2

(3)   8

(4)   4

(   )

3. Look at the picture below.

The pair of scissors is _____ long.

(1) 6

(2) 7

(3) 8

(4) 11

(   )

4. 4 groups of 9 is the same as _____.

(1) $4 + 9$

(2) $4 + 4 + 4 + 4$

(3) $9 + 9 + 9 + 9$

(4) $9 + 9 + 9 + 9 + 9 + 9 + 9 + 9 + 9$

(   )

2

5. 18 cones of ice-cream can be grouped exactly into _____ groups of 3.

    (1)   6

    (2)   2

    (3)   3

    (4)   8   (   )

6. $47 + 16 =$ _____.

    (1)   31

    (2)   53

    (3)   54

    (4)   63   (   )
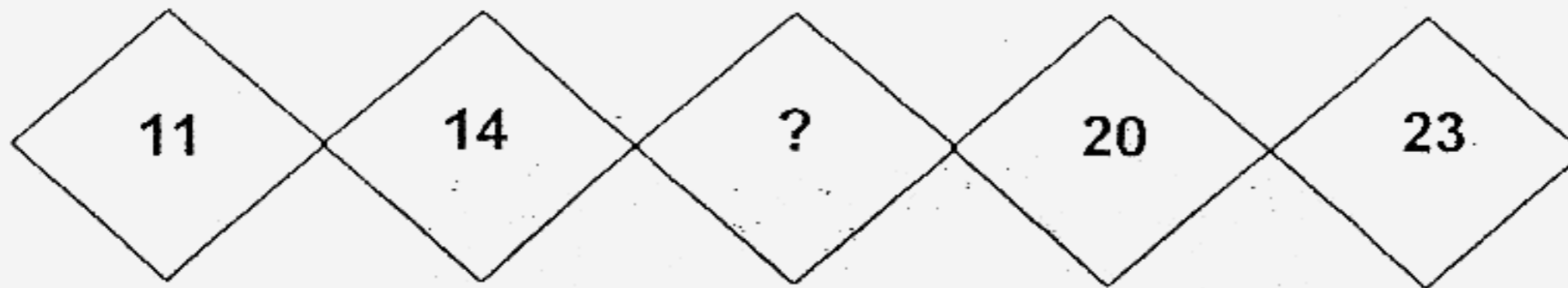
7. $74 = 2$ tens _____ ones.

    (1)   24

    (2)   34

    (3)   54

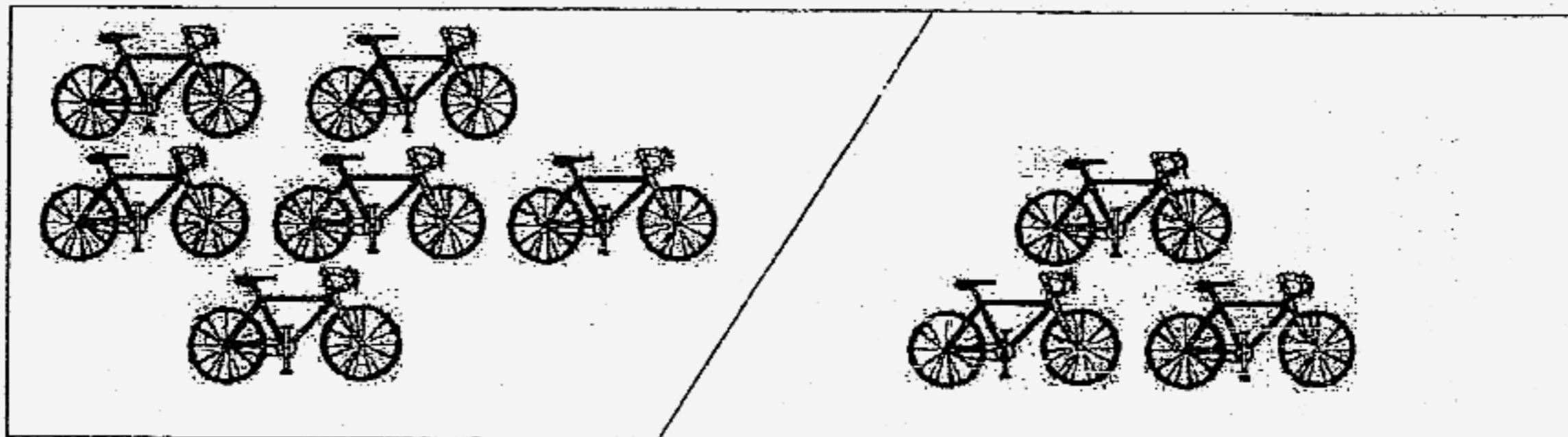   (4)   4   (   )

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

(1) 15

(2) 16
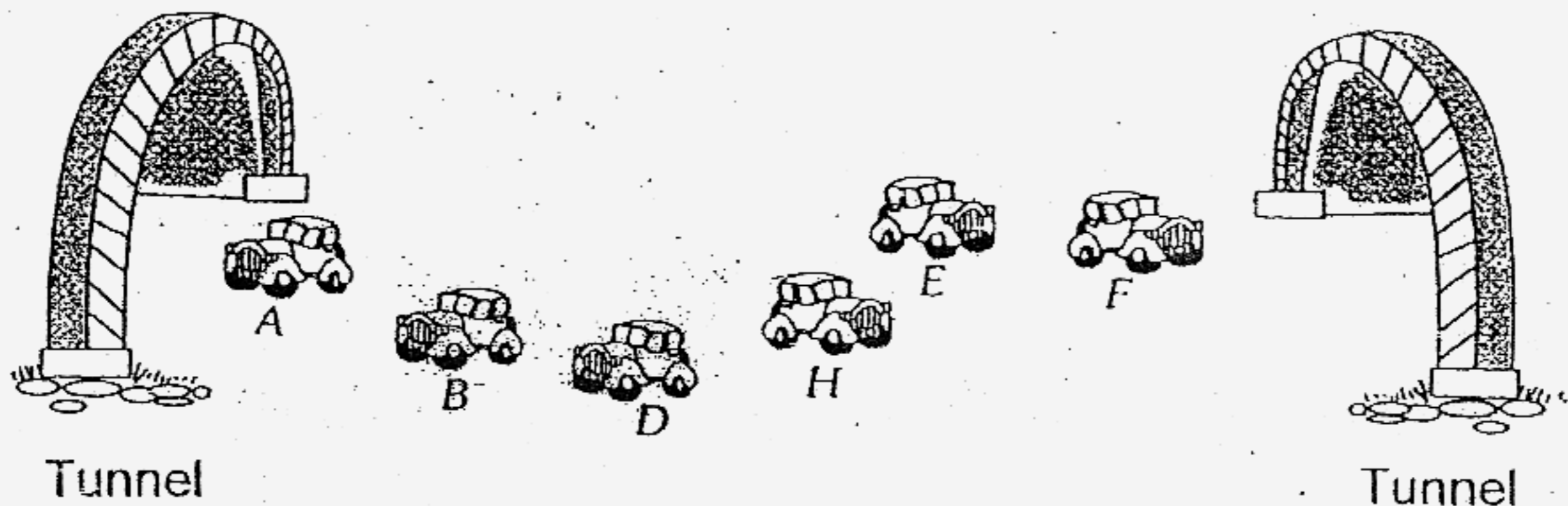
(3) 17

(4) 18   (   )

9. Which one of the following set of answers best describes the picture below?

(1)   3 and 4 make 7

(2)   3 and 5 make 8

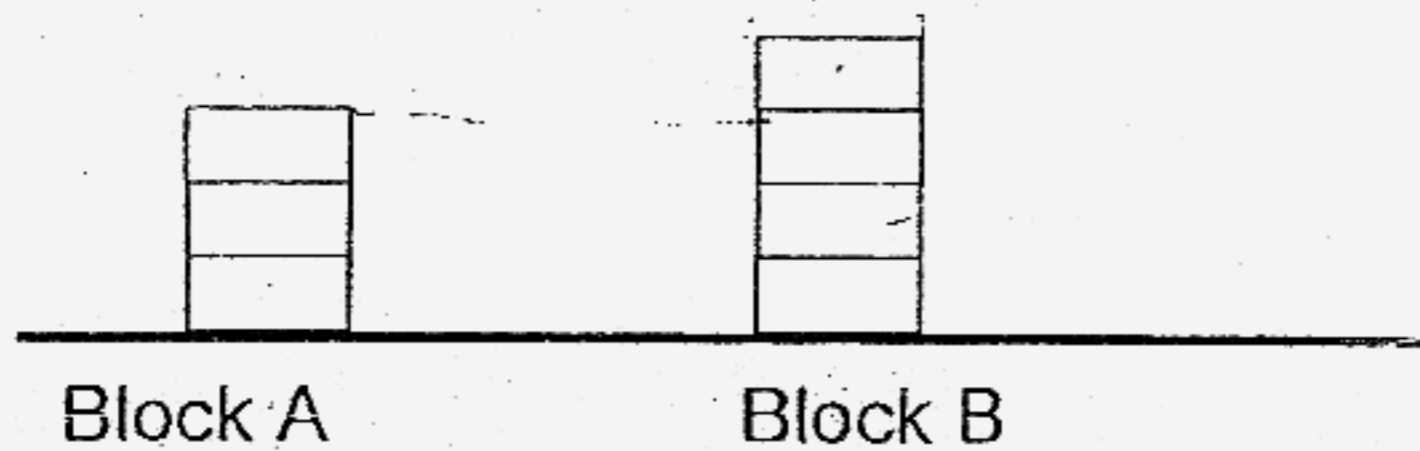(3)   3 and 6 make 8

(4)   3 and 6 make 9   (   )

4

10. Look at the picture below. Which car is at the 2nd position from the tunnel on the left ?

Tunnel   Tunnel

  (1)   A
  (2)   B
  (3)   E
  (4)   F   (   )

11. Look at the blocks below.
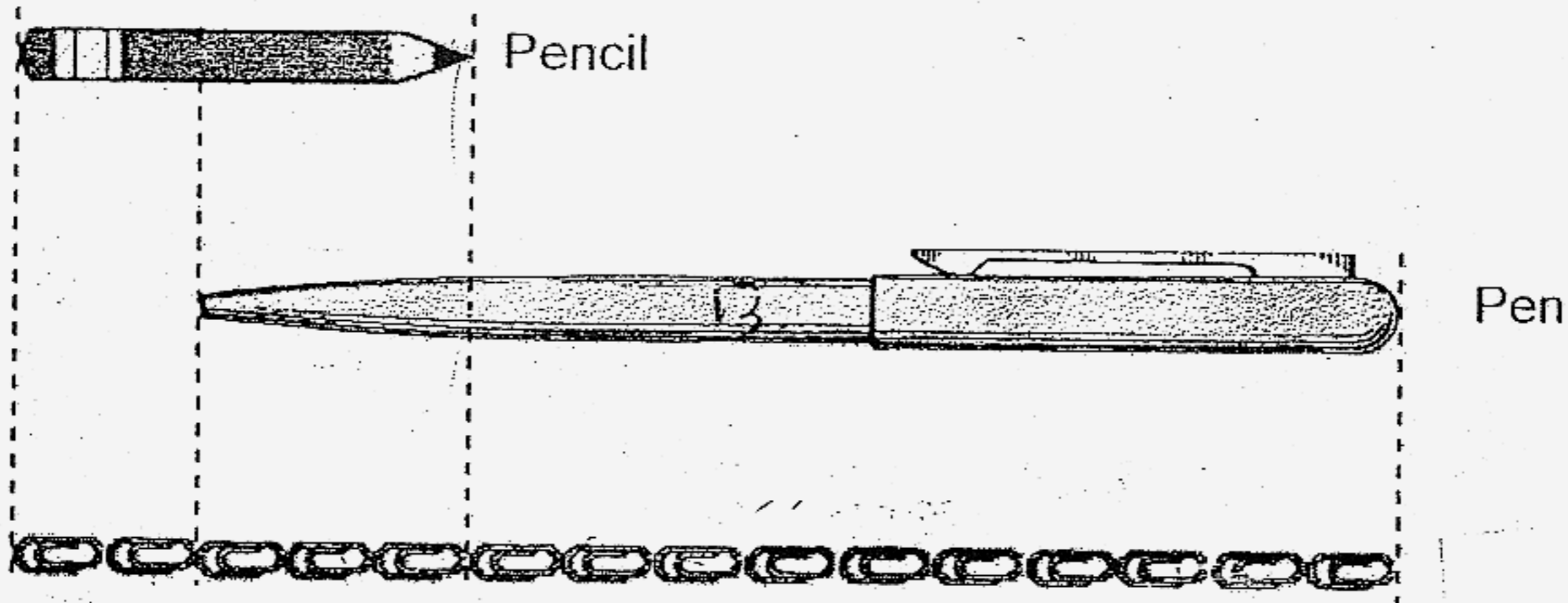

  Block A   Block B

Each ▭ stands for 1 unit.

How many units must be added to Block B so that Block B will be taller than Block A by 5 units?

  (1)   5
  (2)   2
  (3)   3
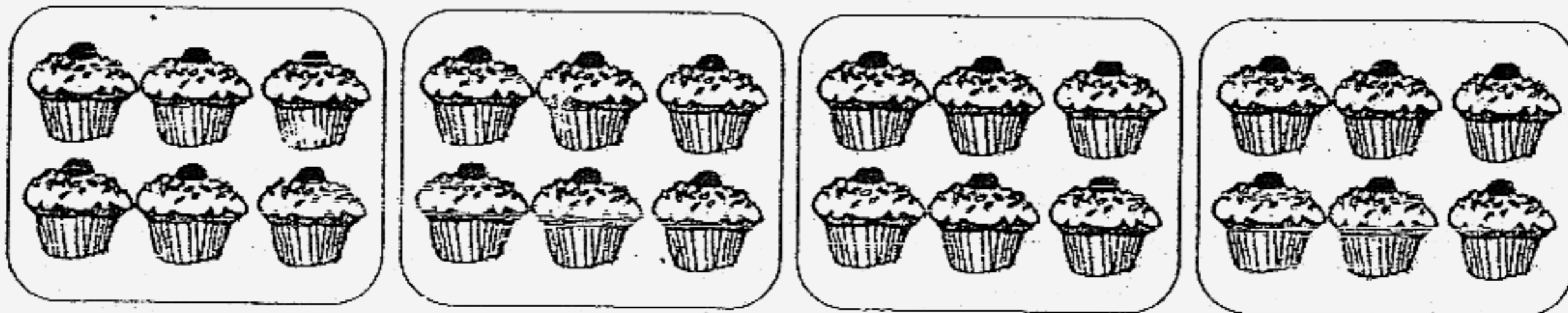 (4)   4   (   )

5

12. Look at the picture below.

The pen is _____ ⬭ longer than the pencil.

    (1)   8

    (2)   10

    (3)   3

    (4)   4   (   )

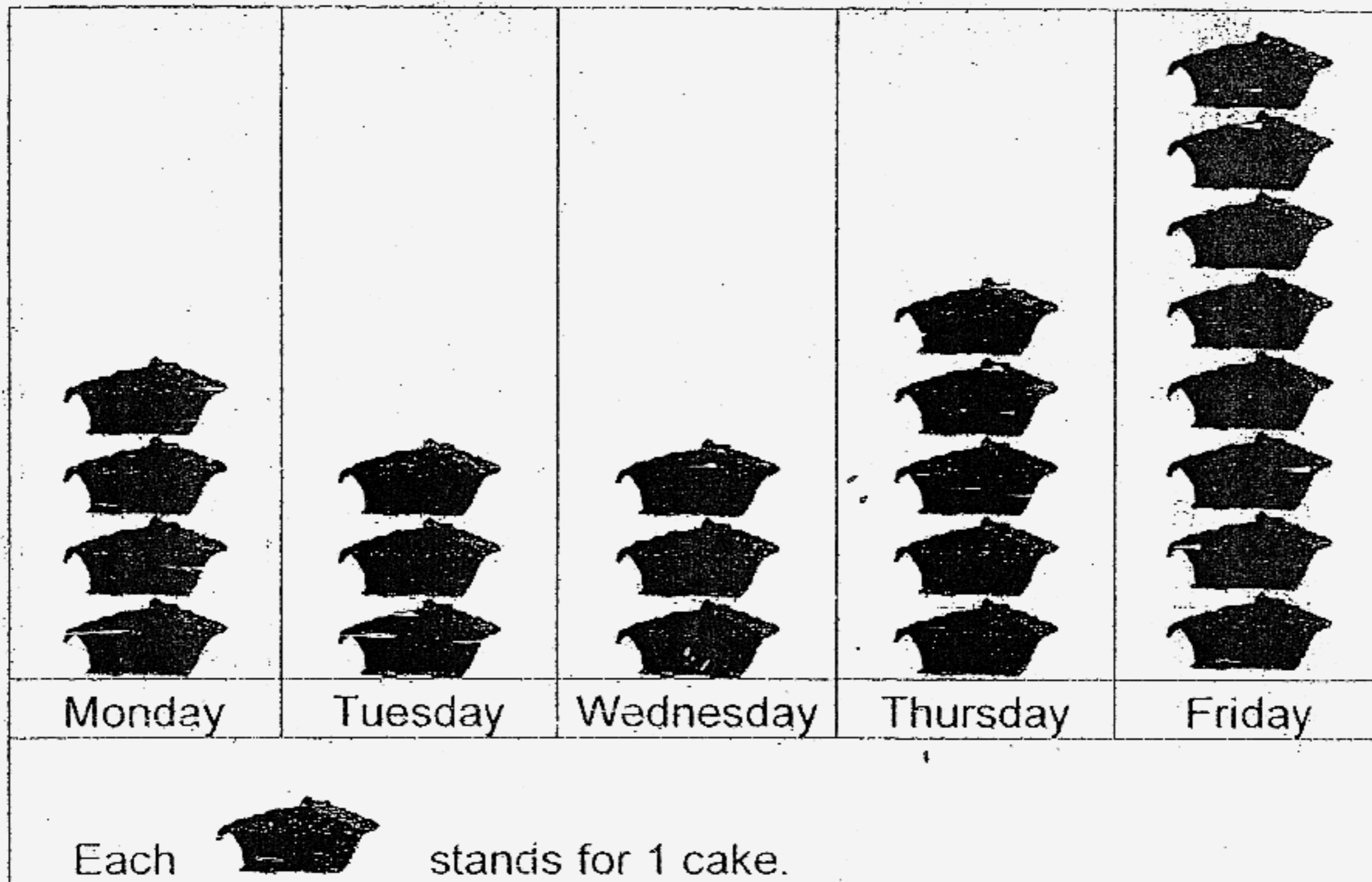13. There are 6 cupcakes on each tray. How many cupcakes are there altogether?

    (1)   6

    (2)   12

    (3)   18

    (4)   24   (   )

6

14. The picture graph below shows the number of cakes sold in a shop from Monday to Friday.

Monday	Tuesday	Wednesday	Thursday	Friday

Each 🍰 stands for 1 cake.

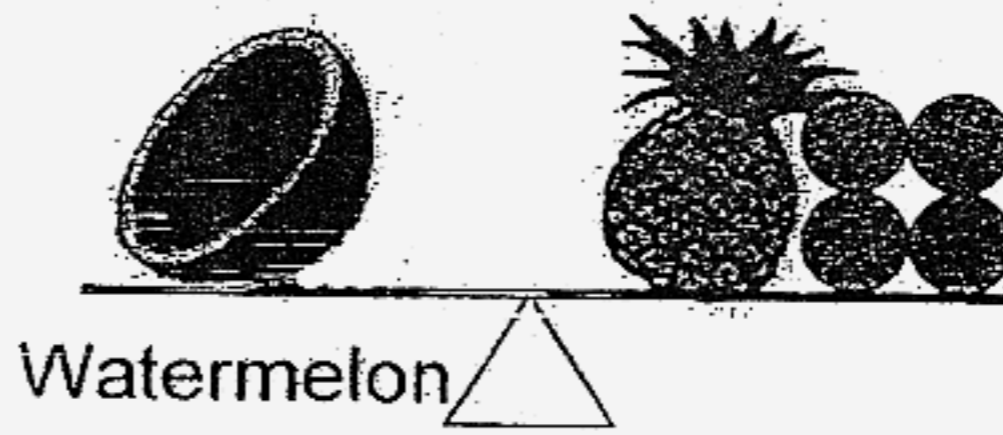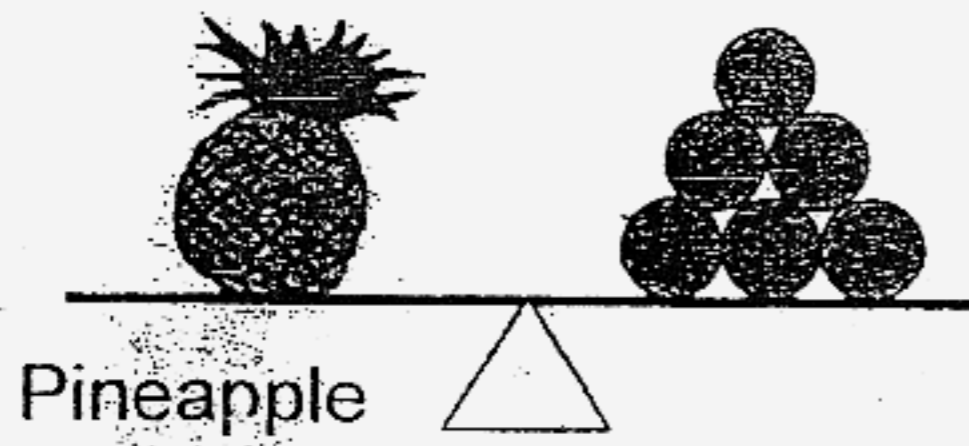How many more cakes were sold on Friday than on Monday?

(1) 12

(2) 8

(3) 5

(4) 4   (   )

15. Look at the pictures below.

Each ● stands for 1 unit.

The mass of the watermelon is _____ units.

(1) 6

(2) 2

(3) 10

(4) 4

(   )

16. Kelly has 3 blouses that are red, blue and green.
She also has 2 skirts that are black and white.
Each blouse can be worn with any of the skirts.
How many different outfits can she have?

(1) 1

(2) 5

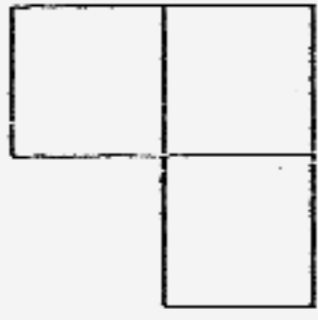(3) 3

(4) 6

(   )

8

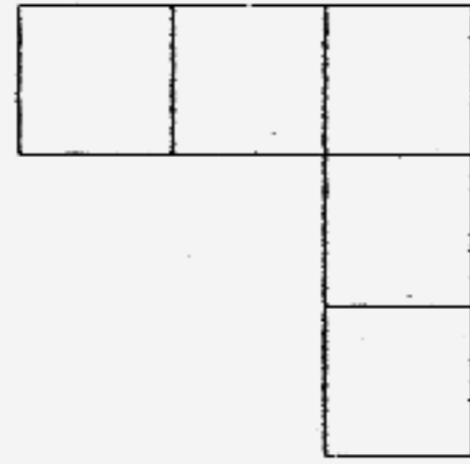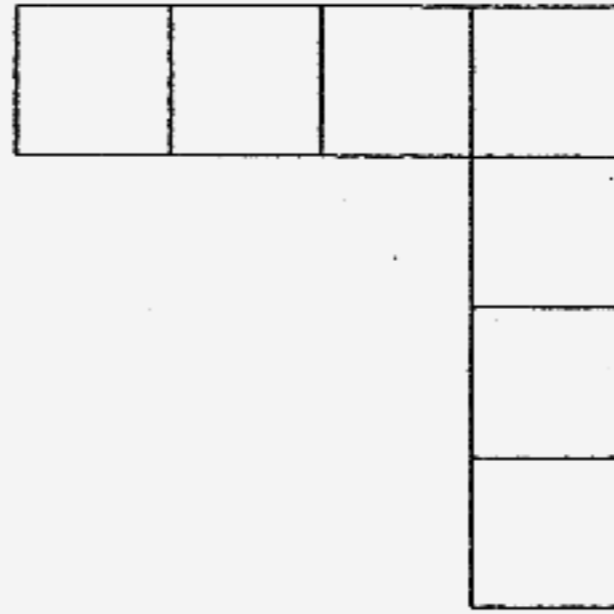17. Look at the figures below.

Figure 1   Figure 2   Figure 3   Figure 4

How many of these ☐ are needed to build Figure 4?

(1) 5
(2) 2
(3) 7
(4) 9   (   )

18. Some children are standing in a straight line.
Tim is the 5th boy from the left and the 6th boy from the right.
How many children are there in the line?

(1) 5
(2) 6
(3) 10
(4) 11   (   )

9

19. Mark is taller than Sam.
    Sam is taller than John.
    Peter is taller than Sam but shorter than Mark.
    Who is the tallest?

    (1) Mark

    (2) Sam

    (3) John

    (4) Peter   (   )

20. Gabriel has 8 toy guns.
    If he wants to put all his toy guns equally into as many boxes as
    possible, how many boxes will he have?

    (1) 1

    (2) 2

    (3) 8

    (4) 10   (   )
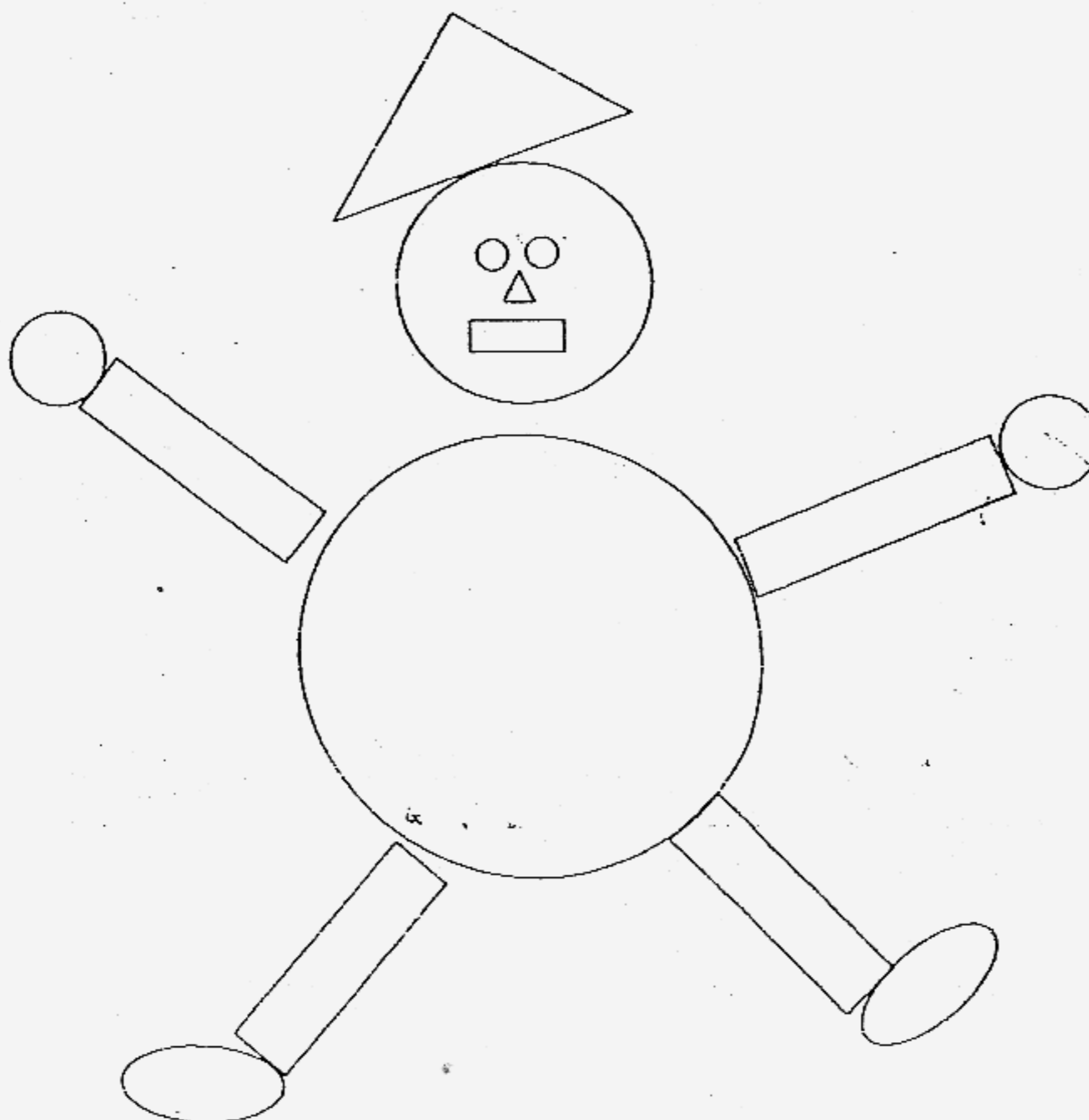
Section B: Open-ended Questions (20 x 2 marks)
Do the following sums carefully.

21. Write the following numerals in words.

(a) 45 = _____

(b) 69 = _____

22. Look at the picture below.
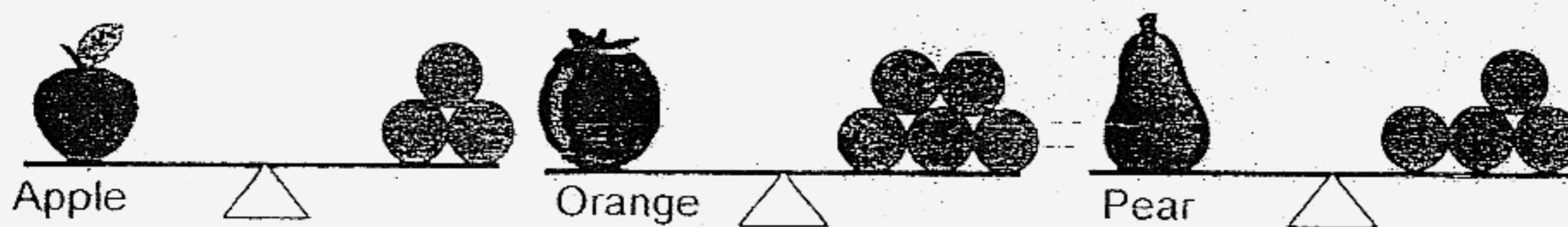How many circles are there?

There are _____ circles.

11

23. Circle the 5th animal from the right and cross out the 4th animal from the left.
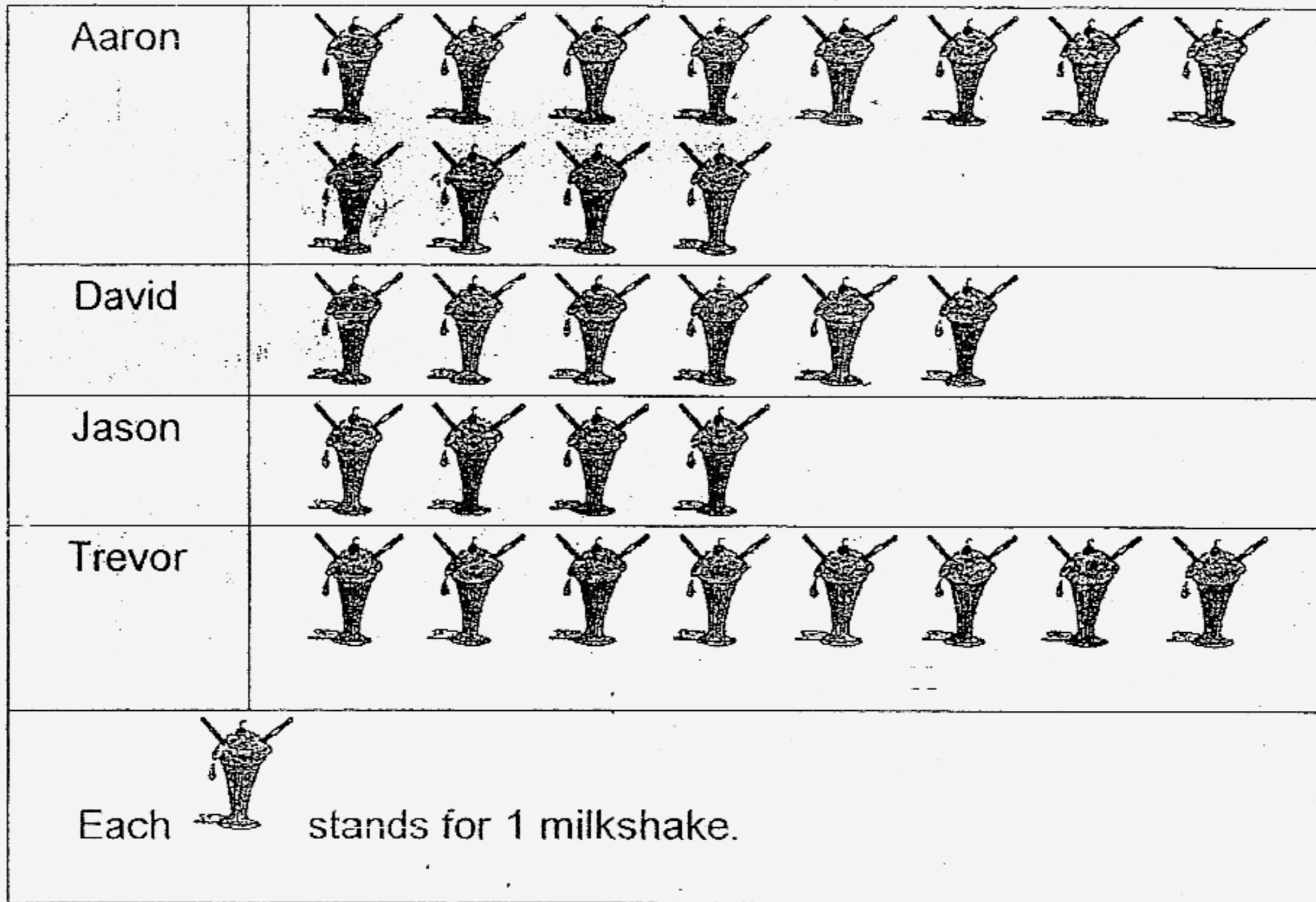
24. Look at the picture below.

Each ● stands for 1 unit.

The total mass of the apple, orange and pear is _____ units.

25. 65 comes just before _____ but just after _____.

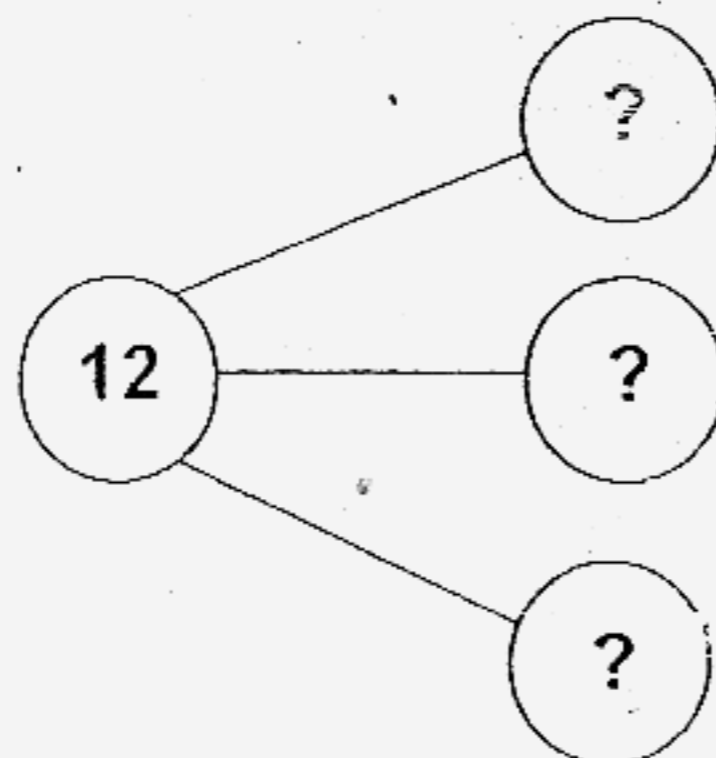26. The picture graph below shows the number of milkshakes 4 boys have.

Aaron	
David	
Jason	
Trevor	

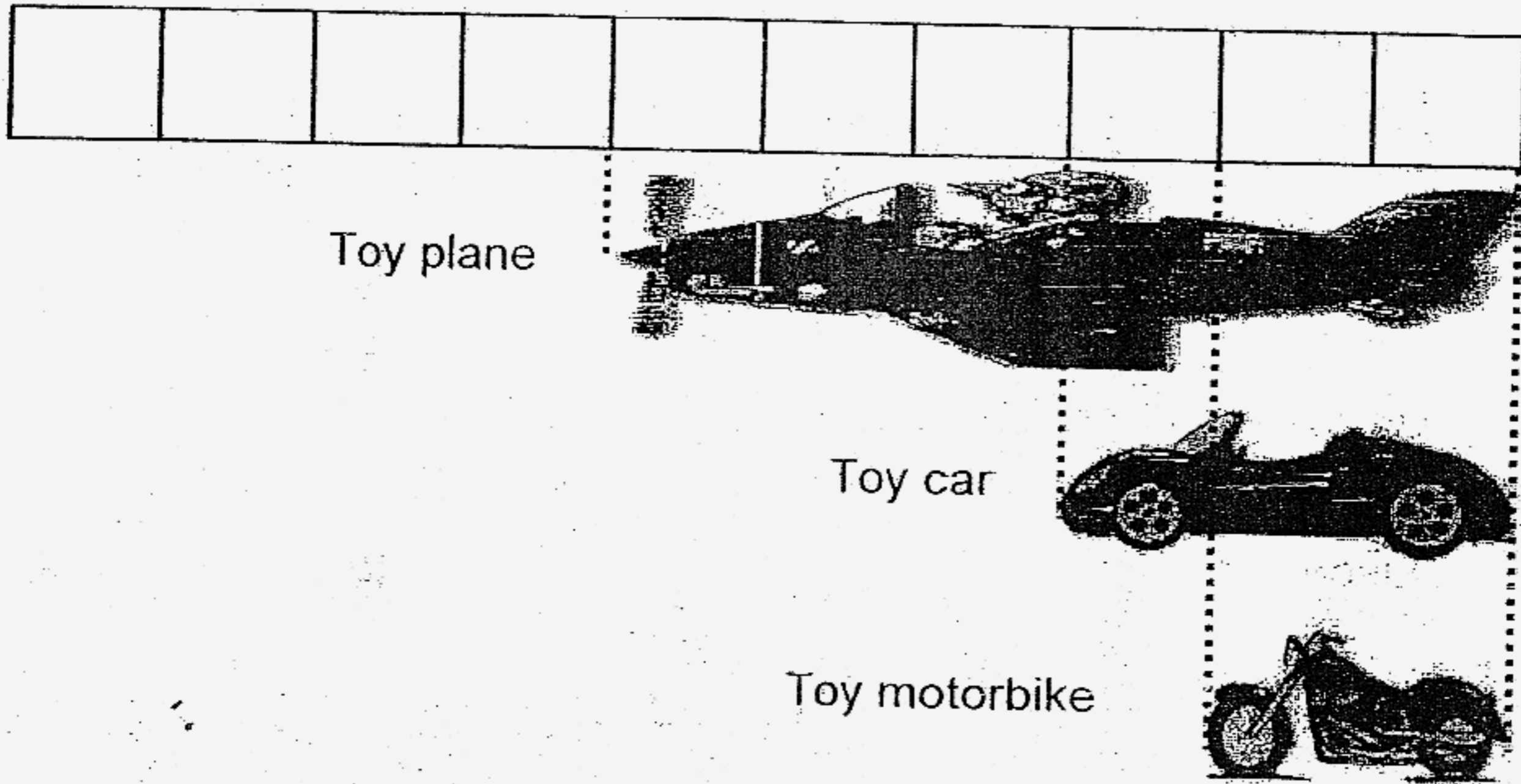Each stands for 1 milkshake.

Who has 6 more milkshakes than David?
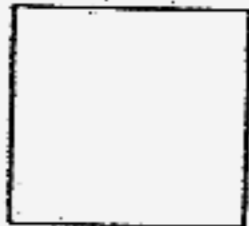
_____ has 6 more milkshakes than David.

27. Look at the number bond below. If all the missing numbers are the same, what is the value of one of the missing numbers?
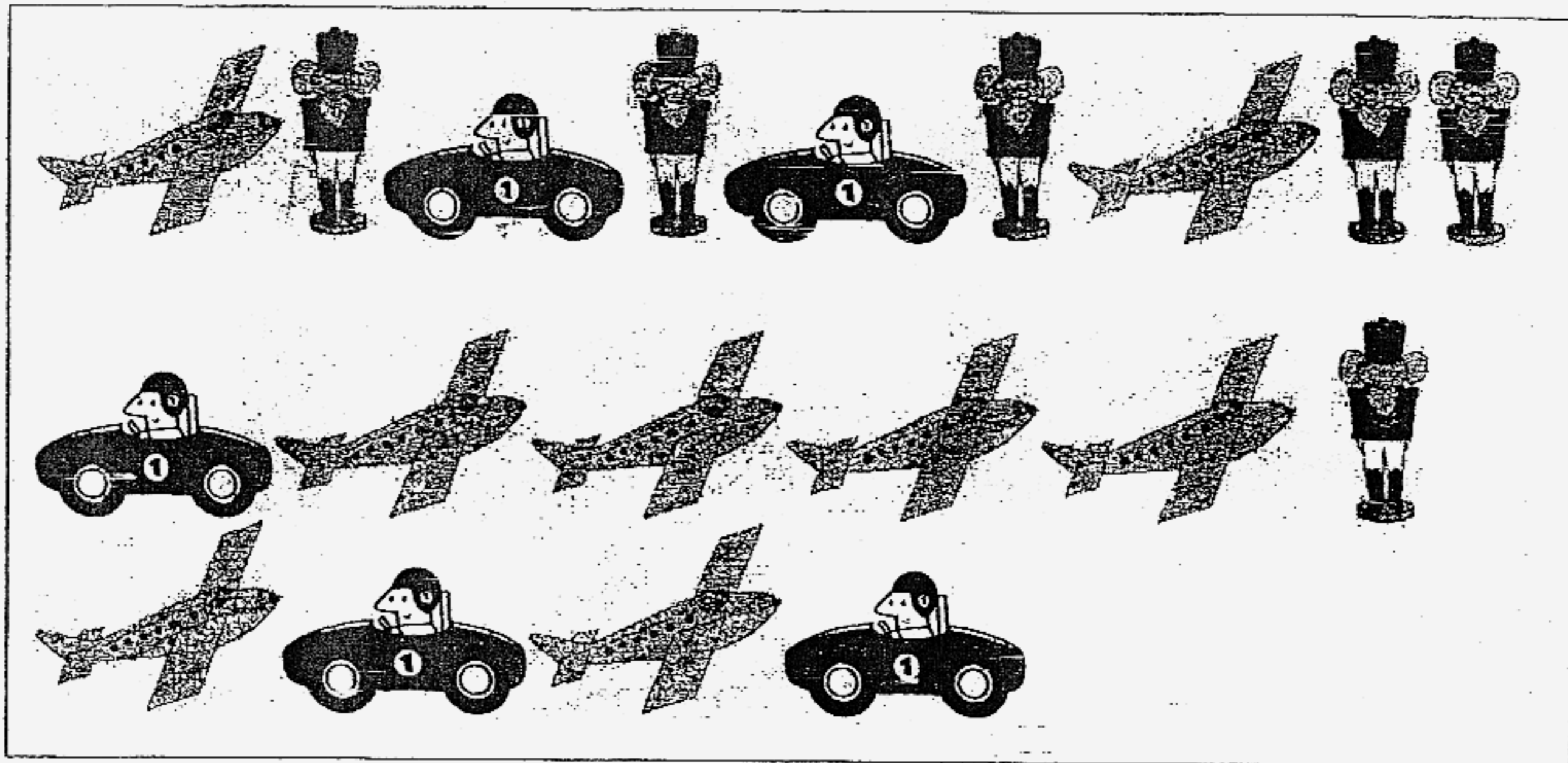
```
           ( ? )
          /    \
   ( 12 )------( ? )
          \    /
           ( ? )
```

The missing number is _____.

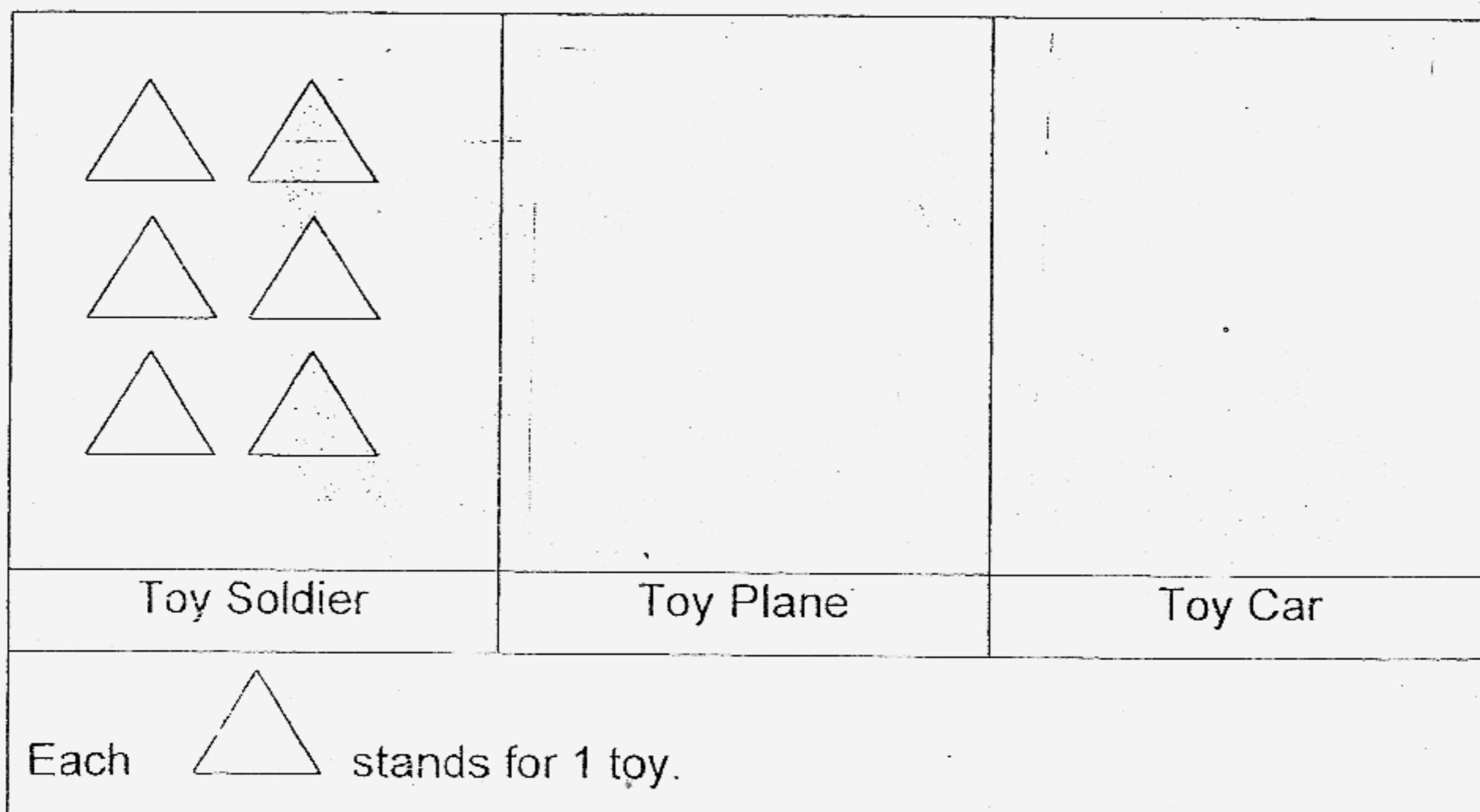28. Look at the picture below.

Toy plane

Toy car

Toy motorbike

Each ☐ stands for 1 unit.

The total length of the toy _____ and toy _____ is 9 units long.
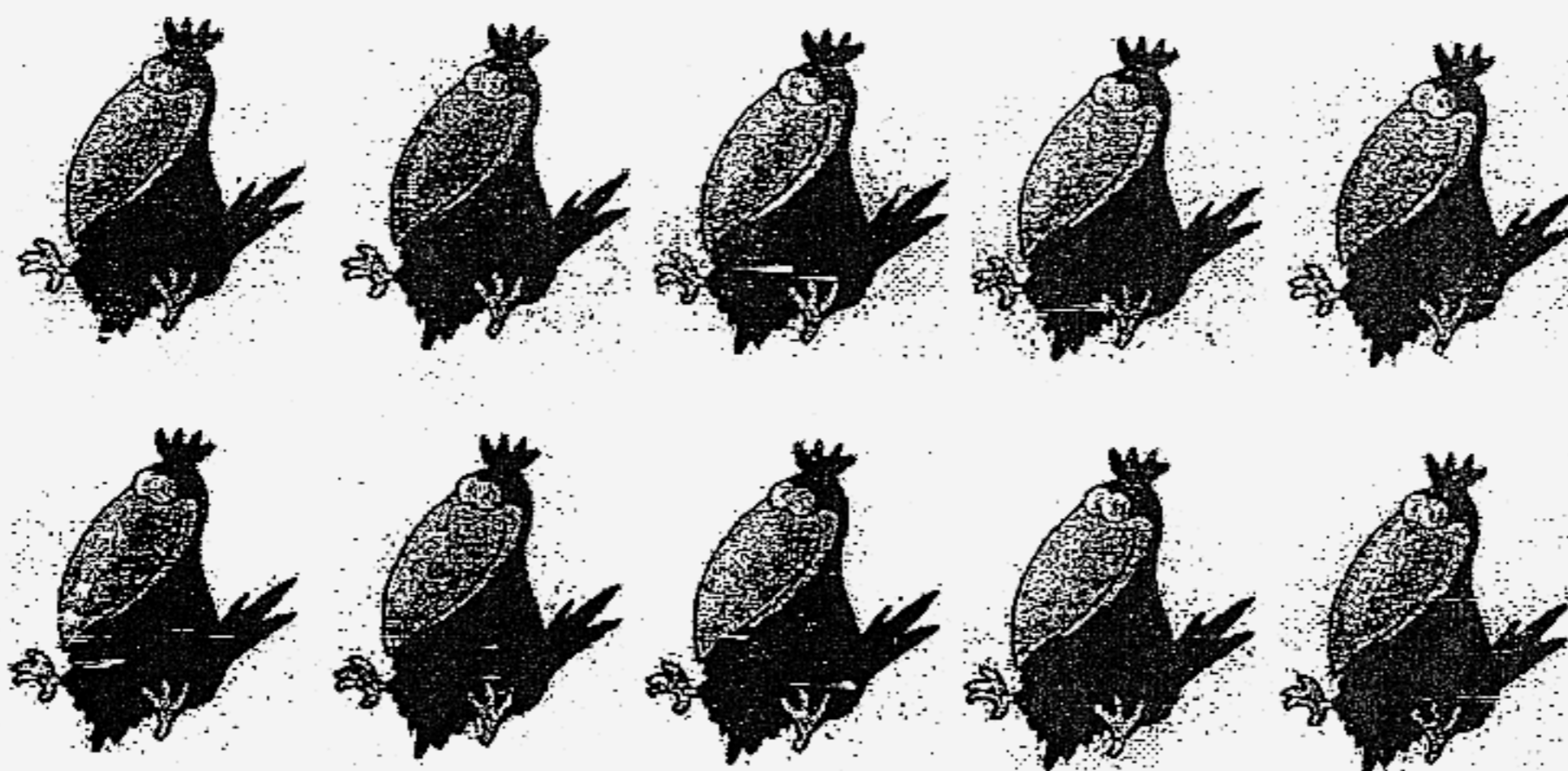
29. The box below shows the number of toys Shaun has.

Count the number of toys and complete the graph below by drawing triangles in the space provided below.

△ △ △ △ △ △		
Toy Soldier	Toy Plane	Toy Car

Each △ stands for 1 toy.

30. How many legs do these birds have?
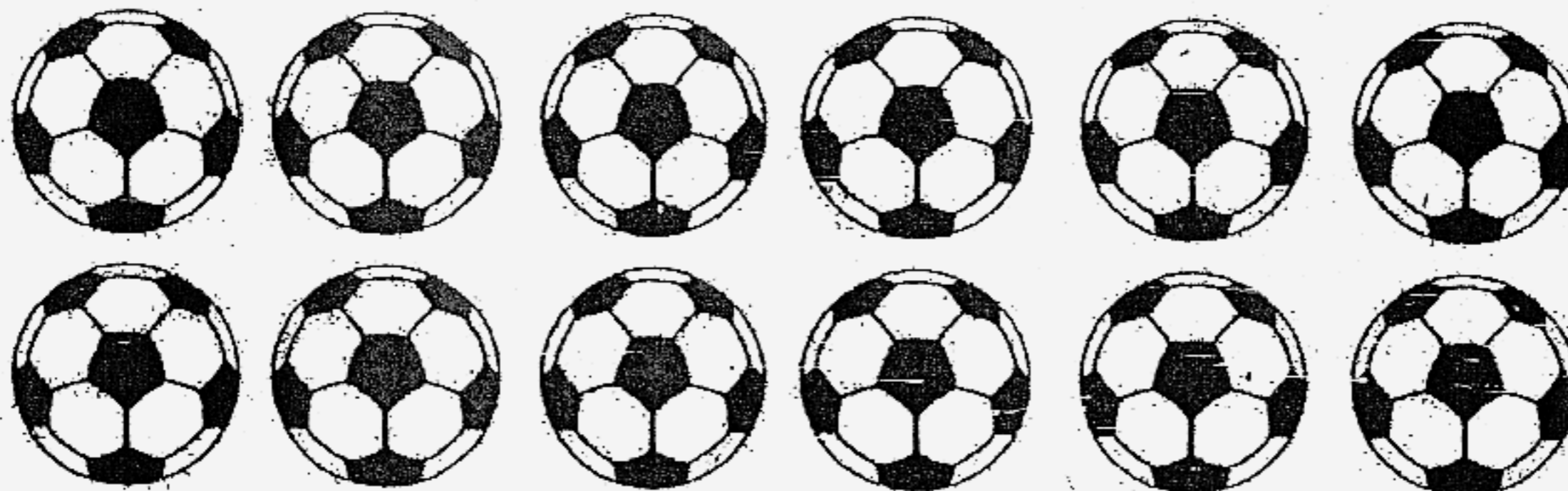
There are _____ many legs altogether.

31. Circle the caterpillars to make 4 equal groups.

32. Tom has 12 balls. He divides them equally among his 3 friends. How many balls will each friend get?

Each friend will get _____ balls.

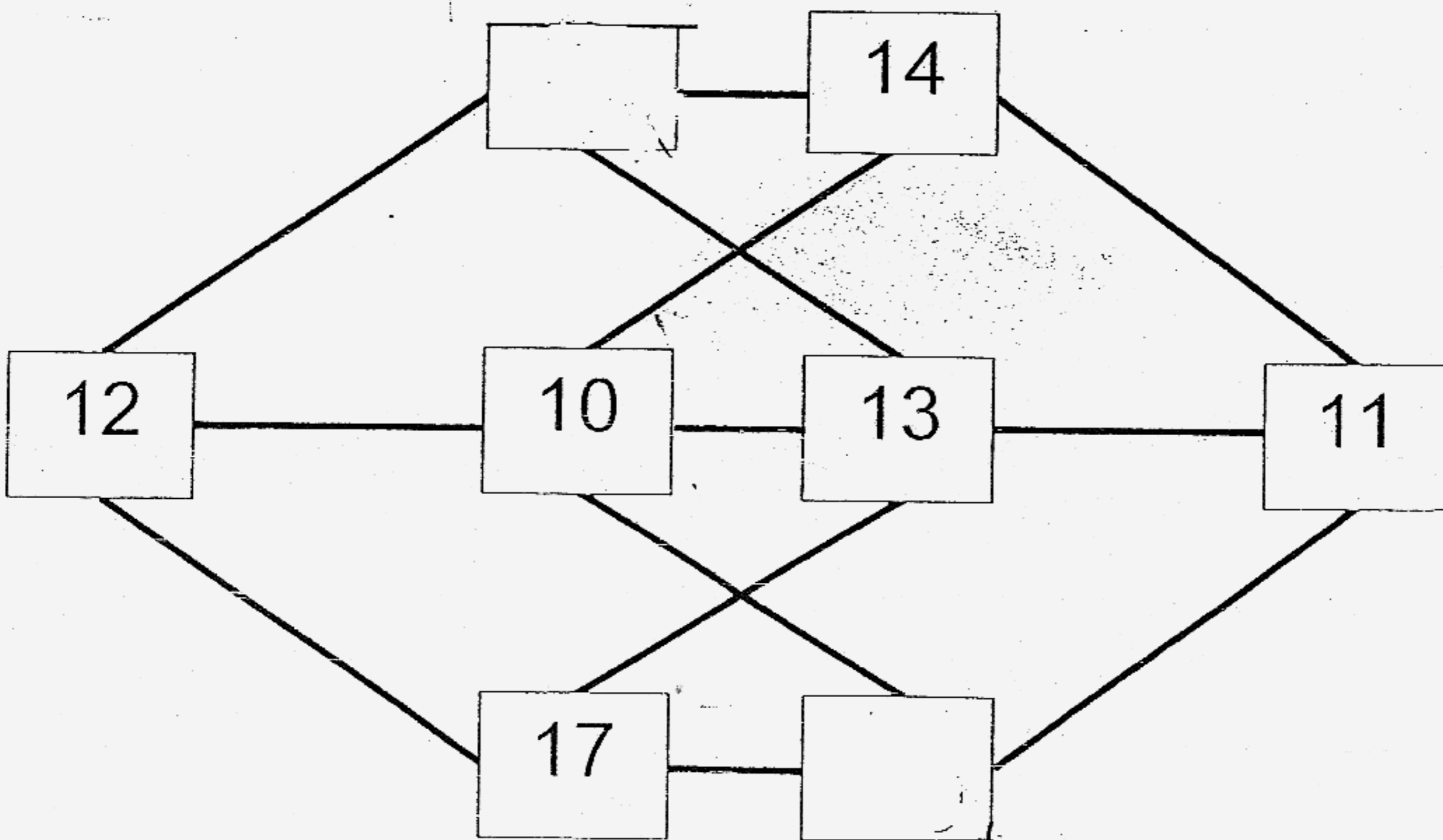33. Gavin spilled some ink on one of the questions in his workbook. Find the missing number.

The missing number is _____.

17

34. The table below shows the number of coupons that 4 women collected over 2 weeks.
Who collected the least number of coupons over 2 weeks?

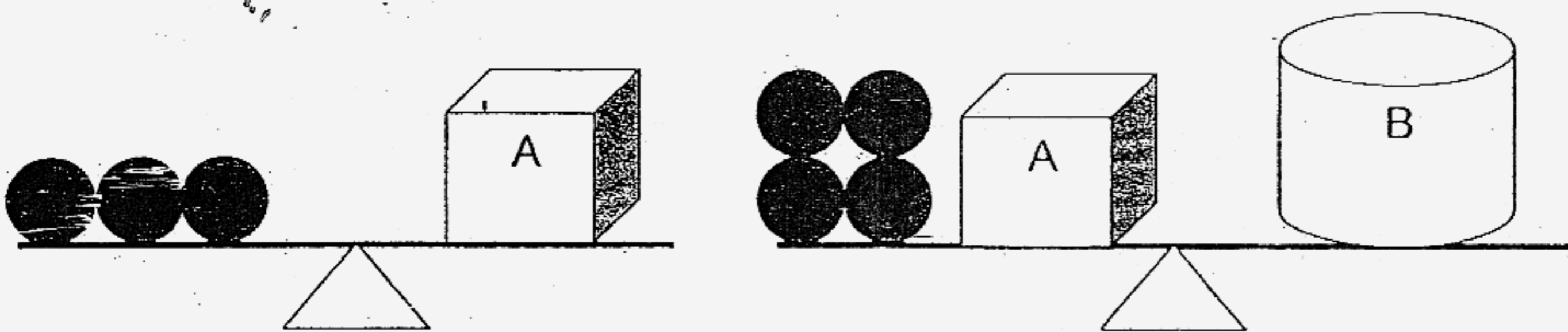|	Week 1	Week 2
Mrs. Wong	13	15
Mrs. Lee	20	9
Mrs. Chang	18	13
Mrs. Tan	22	5

_____ collected the least number of coupons.

35. Titus was asked to arrange the numbers 10 to 17 in the squares below such that no two consecutive numbers (such as 10 and 11, 13 and 14) are connected by a line. Help him figure out the answers and fill in the boxes below.

18

36. Timothy read 2 story books in Week 1.
    He read 4 story books in Week 2 and 6 story books in Week 3.
    If the number of books he read followed a pattern, how many story
    books would he read in Week 5?

    He would read _____ story books in Week 5.
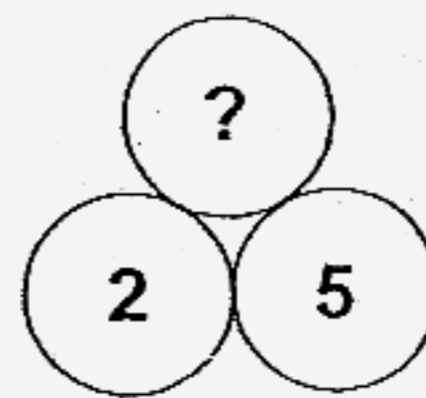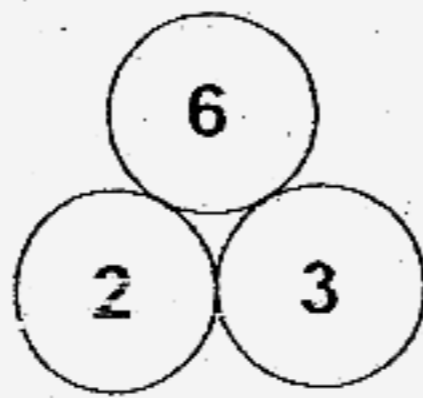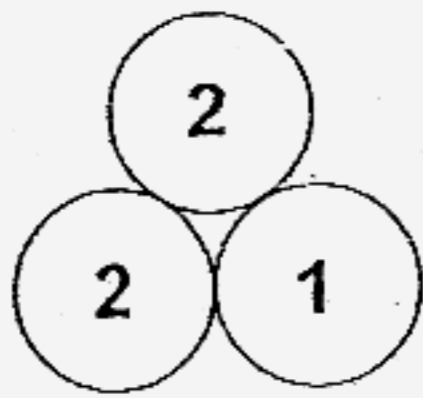
37. Look at the pictures below. What is the mass of object B?

    Each ⬤ stands for 1 unit.
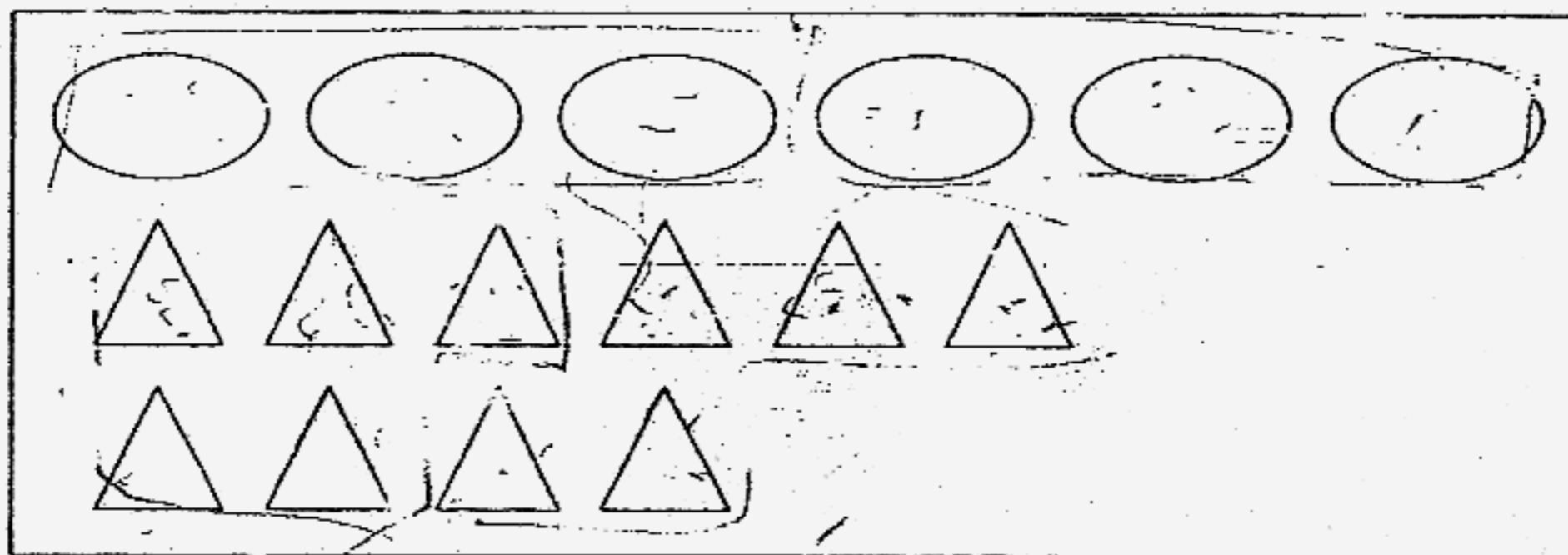
    The mass of object B is _____ units.

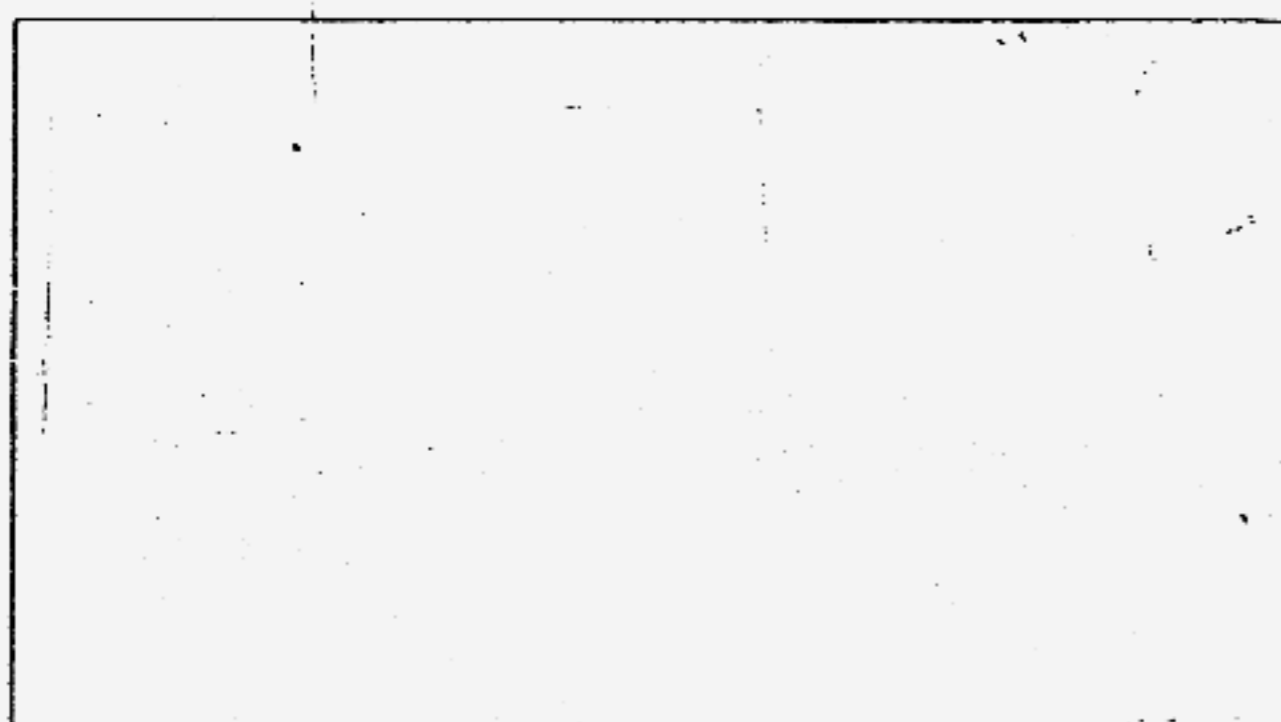38. Study the pattern carefully. Find the missing number.
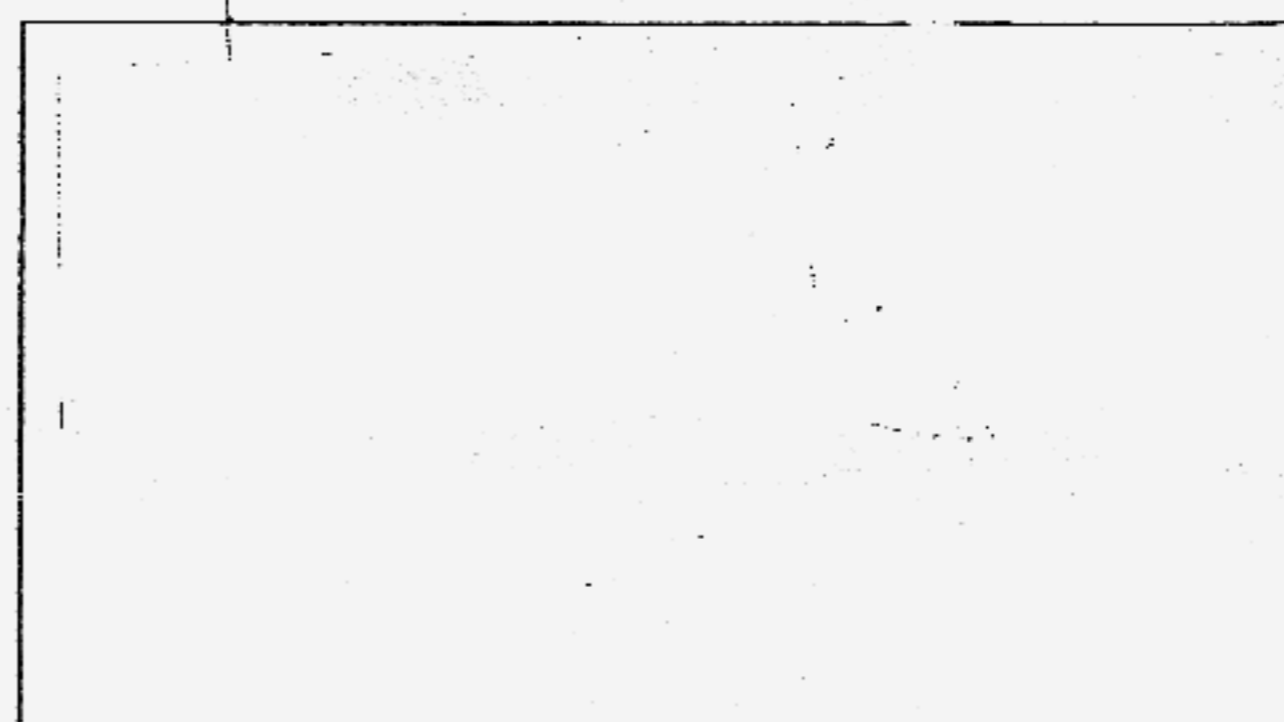

The missing number is _____.

39. Alan has 6 ovals and 10 triangles.

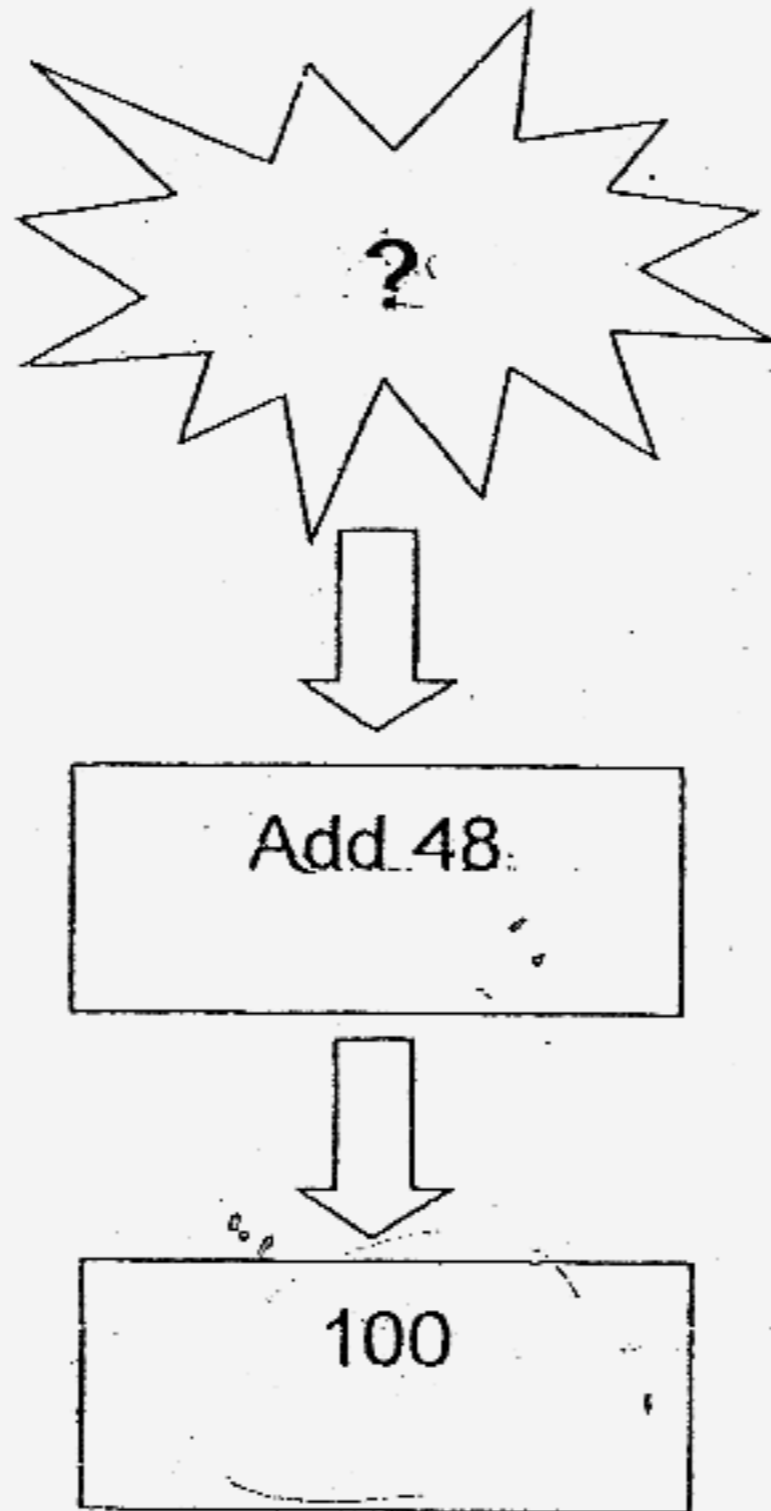If each group contains an equal number of each type of shape, draw the number of shapes in each group.

Group 1

Group 2

There are _____ ovals and _____ triangles in each group.

40. Find the missing number.

The missing number is _____.

Please turn over to the next page.

Section C: Story Sums (5 x 4 marks)
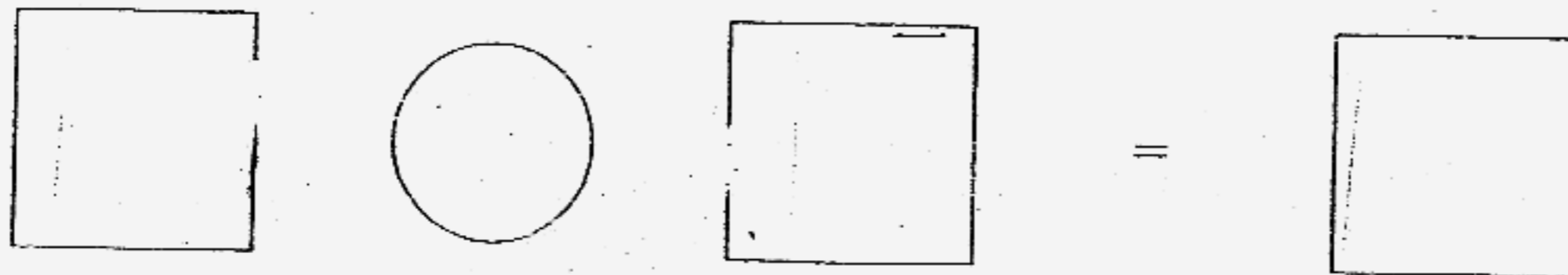
Complete the following questions.
All workings must be clearly shown in the spaces provided.

41. Zach bought 18 burgers. Joshua bought 25 burgers.
    How many burgers did they buy altogether?

They bought _____ burgers altogether.

42. Mrs. Tan bought 30 eggs. She cooked some eggs for a party.
    She had 19 eggs left. How many eggs did she use?

She used _____ eggs.

43. Max scored 69 marks for his English test. He scored 14 marks less than Derek. How many marks did Derek score for his English test?
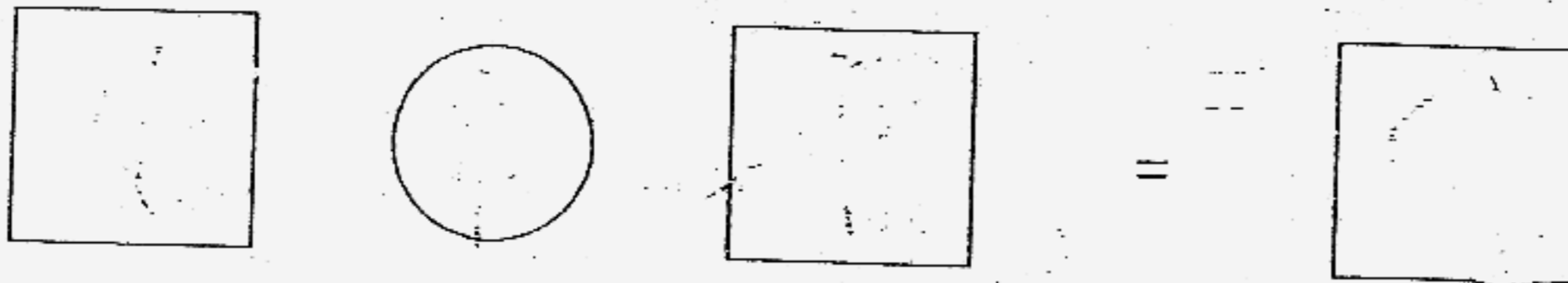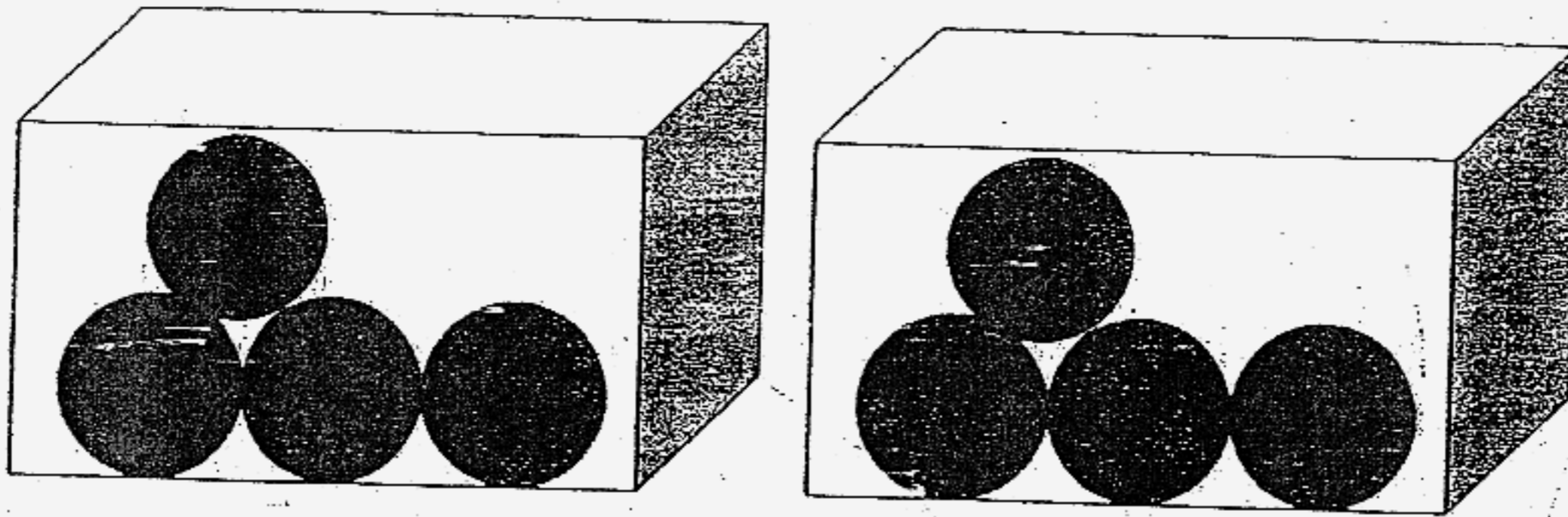

Derek scored _____ marks.

44. Bernard shares 20 pencils equally with his 4 brothers.
How many pencils will each brother receive?
Circle the pencils to show the number of pencils each brother receives.

Each brother will receive _____ pencils.

45. There are 4 balls in a box.
    How many balls are there in 2 boxes altogether?

There are _____ balls in 2 boxes.

END OF PAPER

☺ Please check your work. ☺

CATHOLIC HIGH PRIMARY SCHOOL — PRIMARY 1 MATHEMATICS 2007
SEMESTRAL ASSESSMENT (2)

1. 4
2. 2
3. 2
4. 5
5. 1
6. 4
7. 3
8.
9. 4
10. 2
11. 4
12. 1
13. 4
14. 4
15. 3
16. 4
17. 4
18. 3
19. 1
20.
21. a)forty-five b)sixty-nine
22. 6
23. ○№№×№
24. 12
25. 66,64
26. Aaron
27. 4
28. car, plane
29. Toy plane:△△△△△△△
    Toy Car:△△△△△

30)20
31)☆ ☆ ☆ ☆ ☆
     ☆ ☆ ☆ ☆ ☆
32)4
33)13
34)Mrs Tan
35)16,15
36)10
37)7
38)10
39)△△△△△   △△△△△
    ○○○   ○○○
There are 3 ovals and 5 triangles in
each group

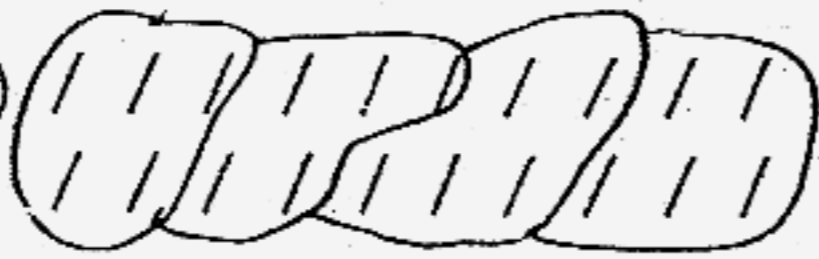40)52

41) 18+25=43

The bought 43 burgers altogether.

42) 30-19=11

She used 11 eggs.

43) 69+14=83

Derek scored 83 marks.

44)

Each brother will receive 4 pencils.

45) 4+4=8

There are 8 balls in 2 boxes.