ANGLO-CHINESE SCHOOL
(PRIMARY)

END-OF-YEAR EXAMINATION 2006
MATHEMATICS

Name: _____ ( )

Class: Primary 2___

Date: 31 October 2006

Duration of paper: 1 hr 30 mins

Nos	Contents	Marks	Marks Obtained
A	Multiple Choice Questions	30	
B	Short Answers	40	
C	Problem Sums	30	
	Total Marks	100	
	Parent's signature		

THIS BOOKLET CONTAINS 18 PAGES.

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.

FOLLOW ALL INSTRUCTIONS CAREFULLY.

Section A: Multiple Choice (15 questions x 2 marks)

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

1. How many tens are there in 5 hundreds and 60 ones?

    (1) 56

    (2) 60

    (3) 500

    (4) 560   (   )

2. 3×8 has the same value as _____.

    (1) 2×9

    (2) 4×5

    (3) 6×4

    (4) 7×3 (   )

3. 5 five-dollar notes and 10 twenty-cent coins will make

    _____.

    (1) $22

    (2) $27

    (3) $30

    (4) $35   (   )

1

4. ■ + ■ = 16

  ● = 3

  ■ + ● = _____.

  (1) 10

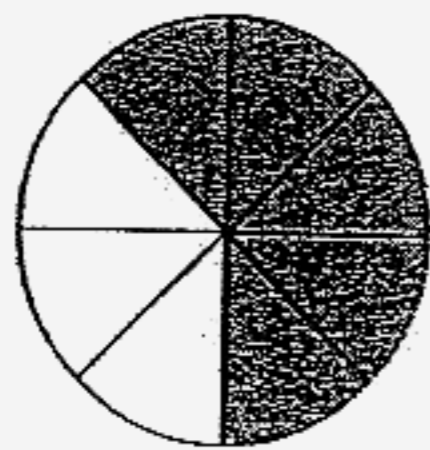 (2) 11

  (3) 12

  (4) 19

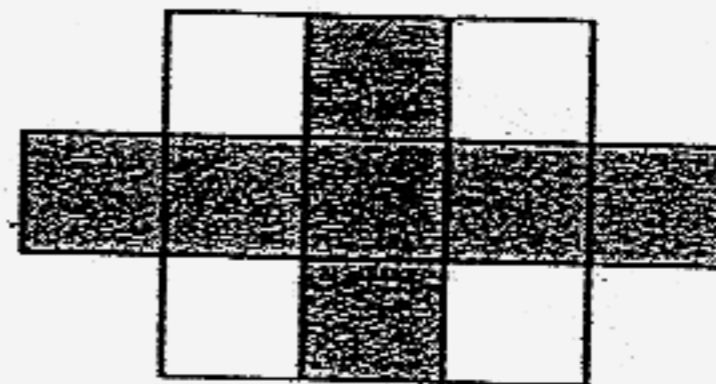   (   )

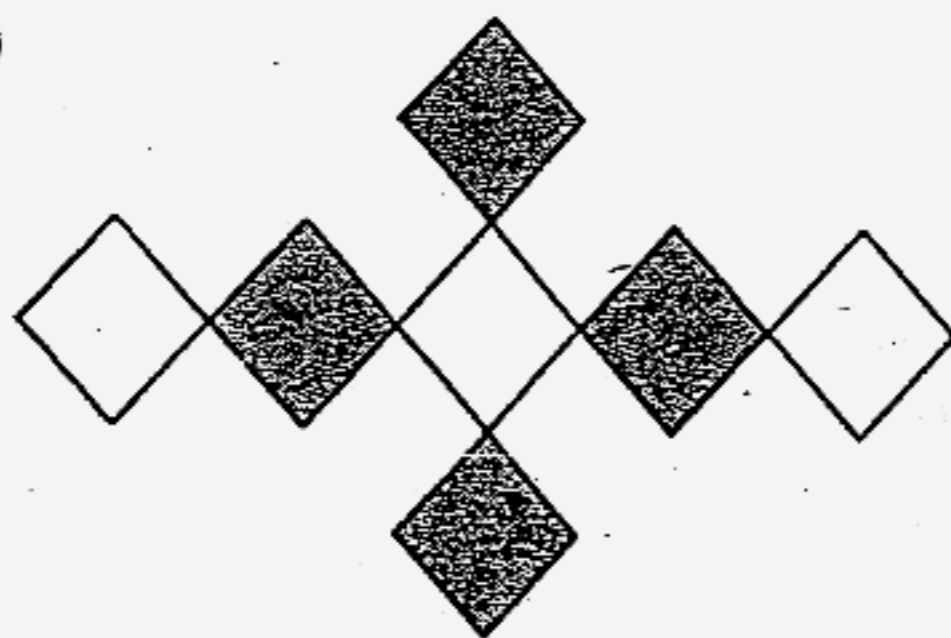5. $\frac{4}{7}$ of this figure is <u>not shaded</u>. Which figure is it?

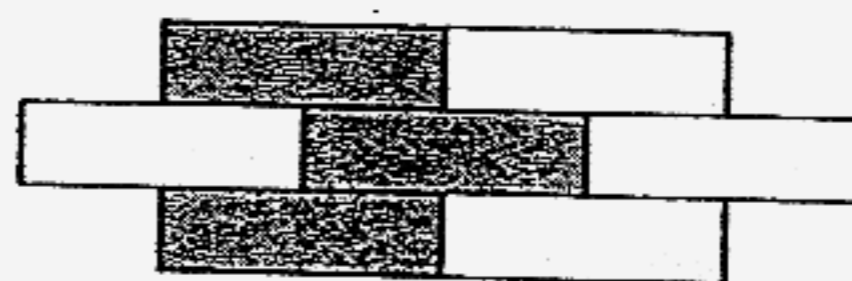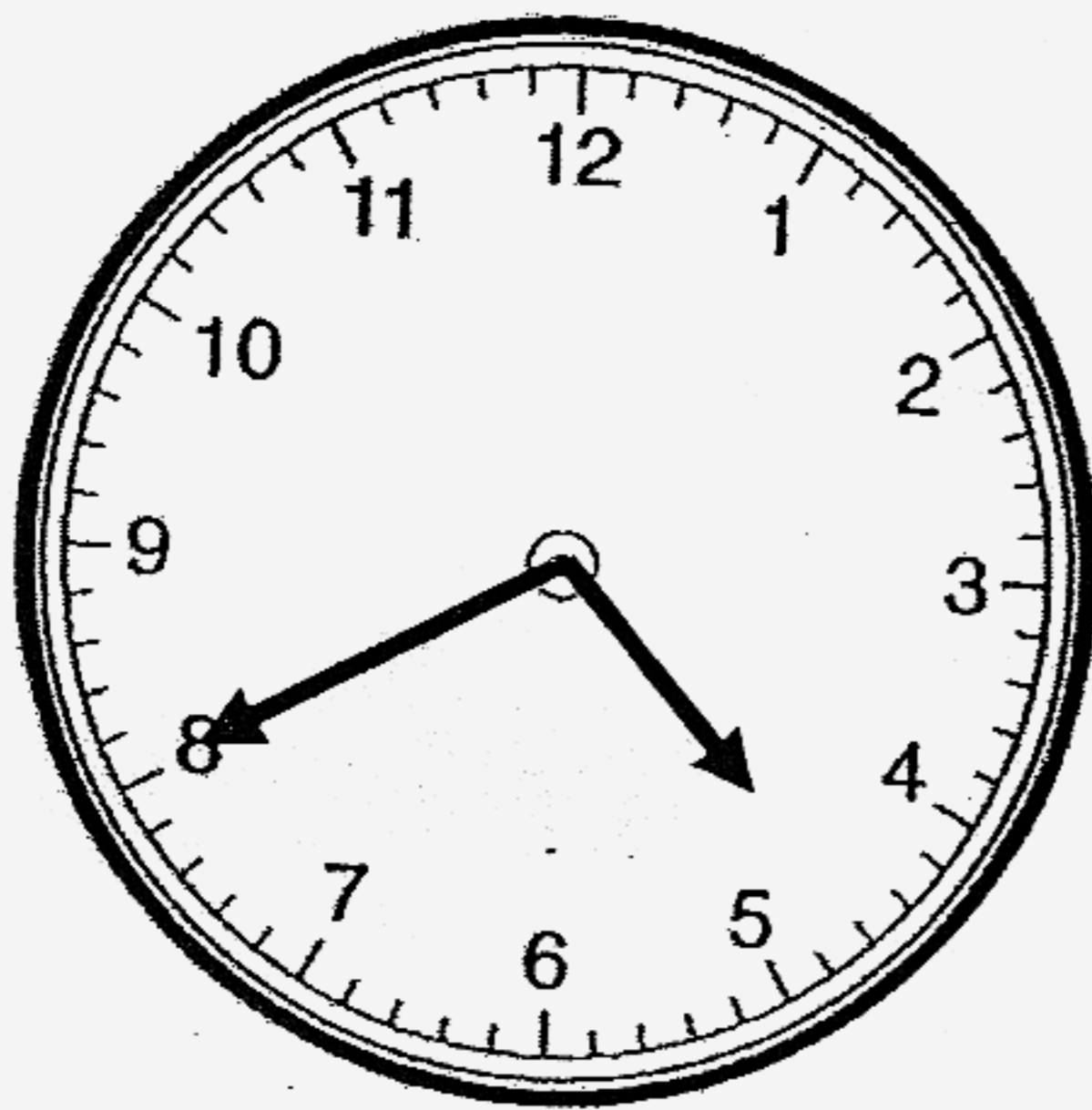 (1)   (2)

  (3)   (4)

                              (   )

2

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6. 9 + 9 + 3 + 3 = _____ × 4

    (1)   4

    (2)   5

    (3)   6

    (4)   7   (   )

7. The time shown on the clock is _____ p.m.

    (1)   4.40

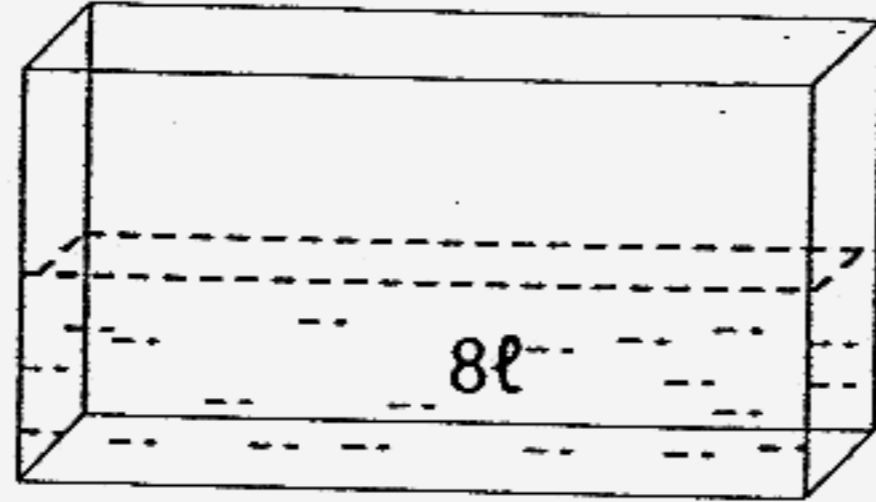   (2)   5.40

    (3)   8.20

    (4)   8.25   (   )

8. A tank contains 8 litres of water when it is half filled.

    If John needs another 4 more jugs of water to fill up the tank,

    how much water can each jug hold?

    (1)   1 litre

    (2)   2 litres

    (3)   3 litres

    (4)   4 litres

    8ℓ

    (   )

9. Which one of the following is the longest?

    (1)   4 cm

    (2)   60 cm

    (3)   99 cm

    (4)   1 m

    (   )

10. A quarter to 12 midnight is _____.

    (1)   11.45 a.m.

    (2)   12.15 a.m.

    (3)   11.45 p.m.

    (4)   12.15 p.m.

    (   )

11. Sally saved twice the amount of money as Alex. If Alex saved $9, Sally would have saved _____.

    (1) $12

    (2) $18

    (3) $27

    (4) $28   (   )

12. Jane had $100. She spent $42 on a book and $23 on a box of chocolates. How much did she have left?
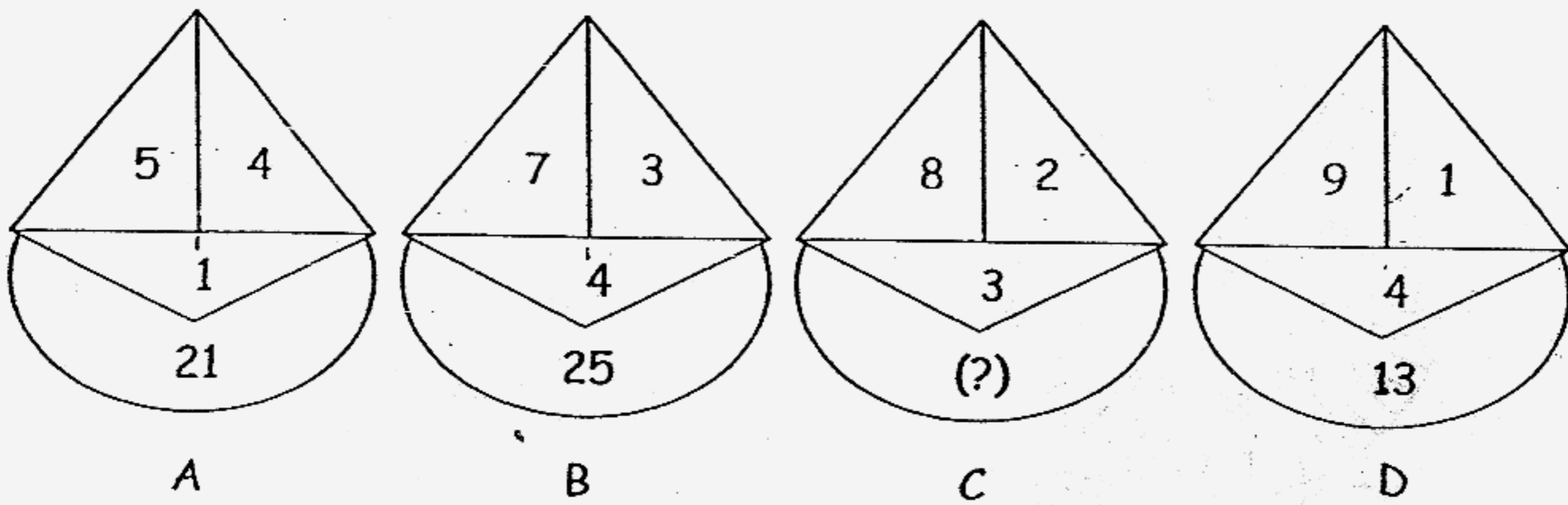
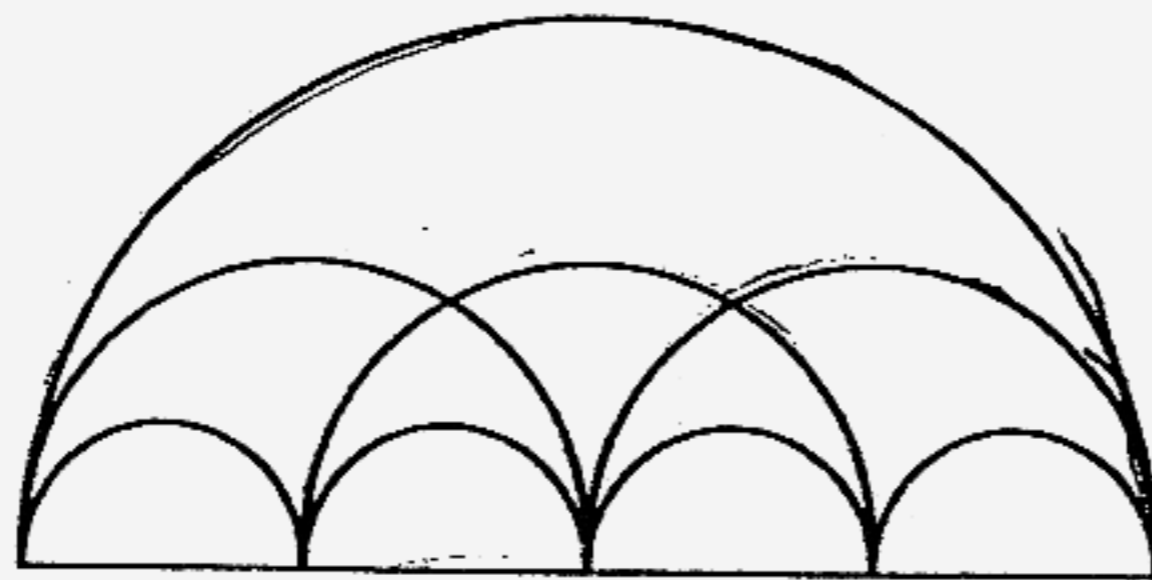   (1) $34

    (2) $35

    (3) $45

    (4) $65   (   )

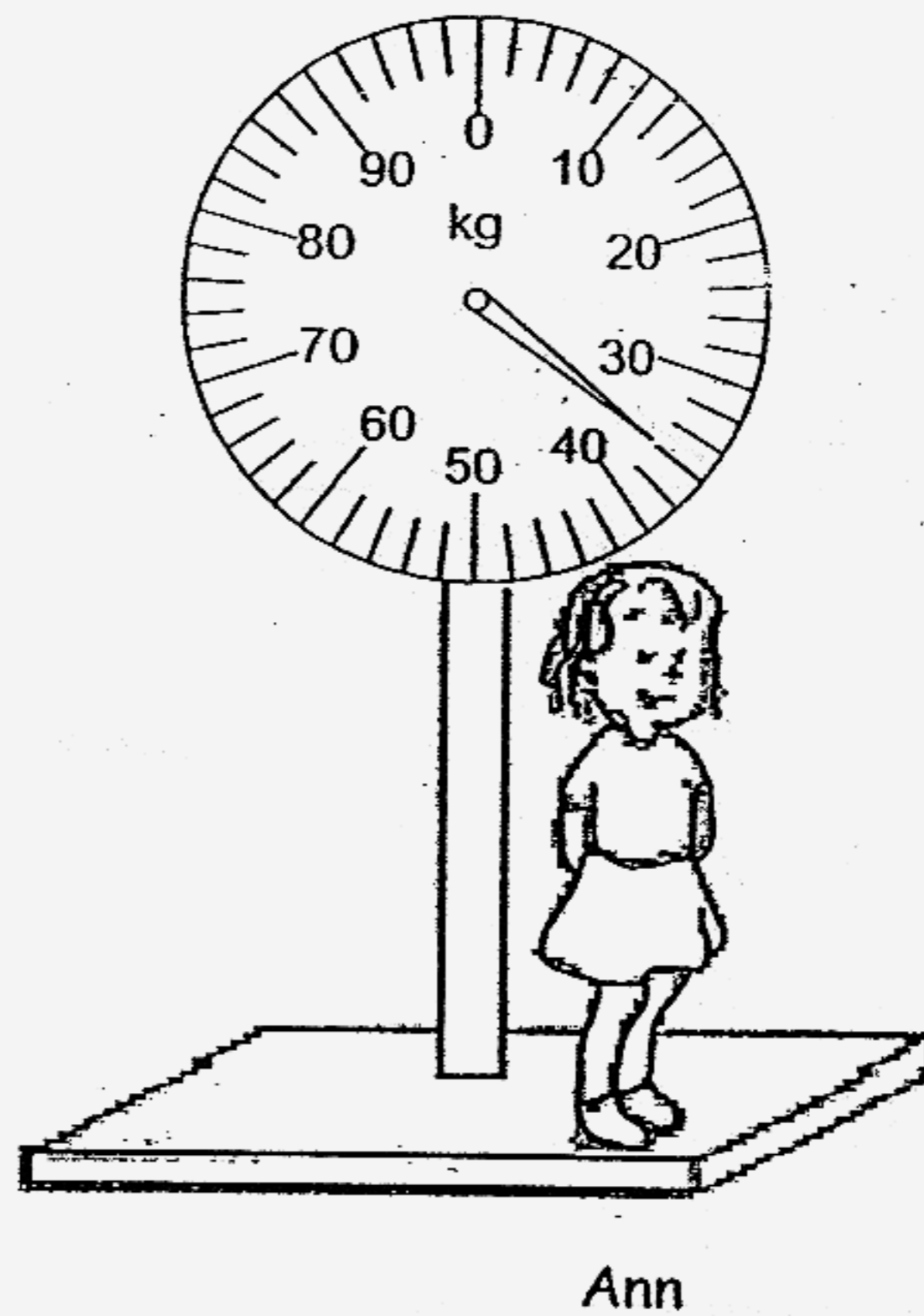13. Observe the pattern below carefully.

A   B   C   D

(1)   13
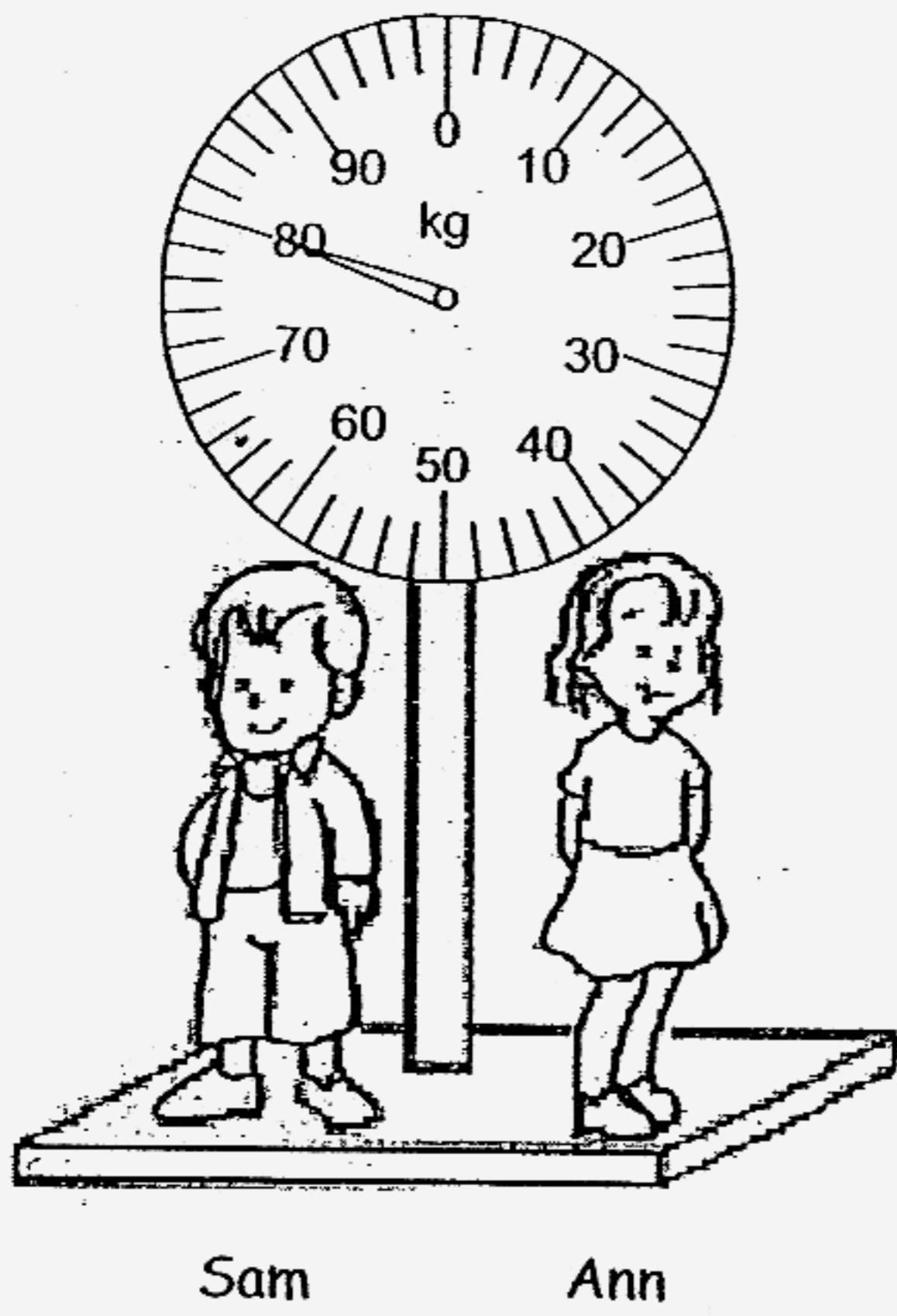
(2)   19

(3)   26

(4)   29   (   )

14. How many semicircles are there in the figure?

(1) 6

(2) 7

(3) 8

(4) 9   (   )

6

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15. Observe the scales below carefully.

Sam   Ann   Ann

Sam's mass is _____.

(1)   34

(2)   44

(3)   46

(4)   47

(   )

Section B: Short Answer Questions (20 questions x 2 marks)

Work out each answer carefully. Write the answers in the box provided.

16. Write $12.05 in words.

    [ ]

17. Subtract a number from the sum of 45 and 78. The result is 74. Find the number.

    [ ]

18. Arrange the following in <u>descending</u> order.

    $$\frac{1}{2}, \quad \frac{1}{6}, \quad 1, \quad \frac{1}{4}$$
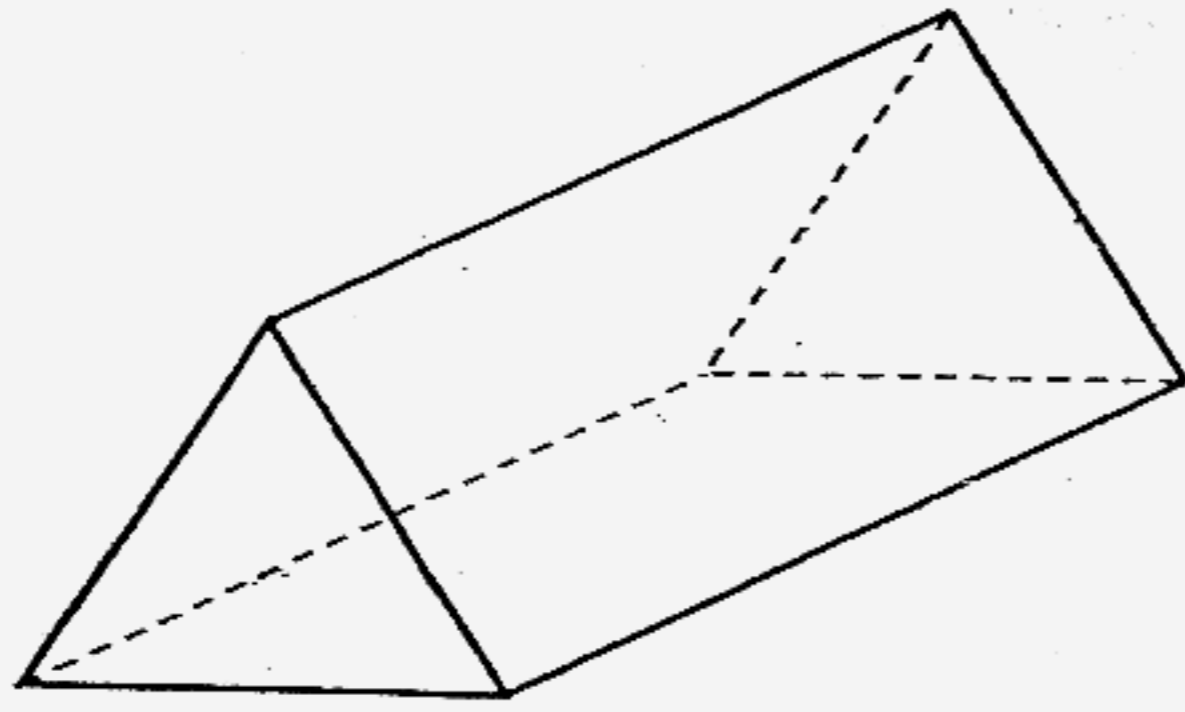
    [ ]   [ ]   [ ]   [ ]

19. I am a 2-digit <u>even</u> number.

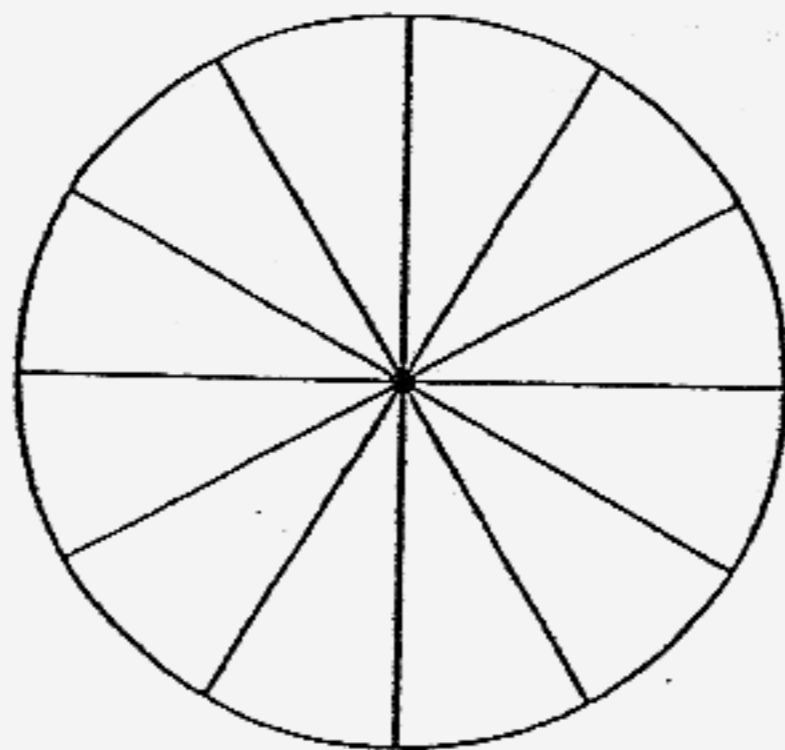   The product of my 2 digits is 18.

    The difference between my 2 digits is 3.

    I am [ ] .

20. How many rectangular faces are there in the figure?
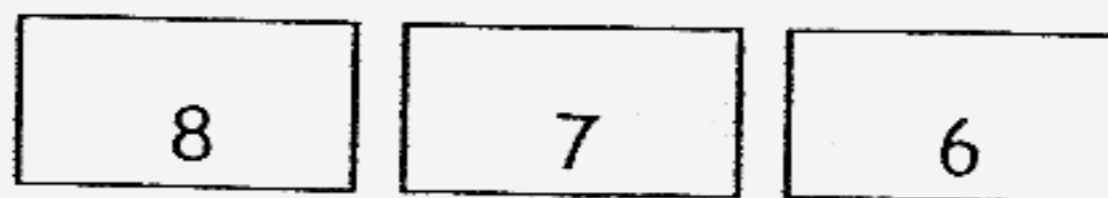

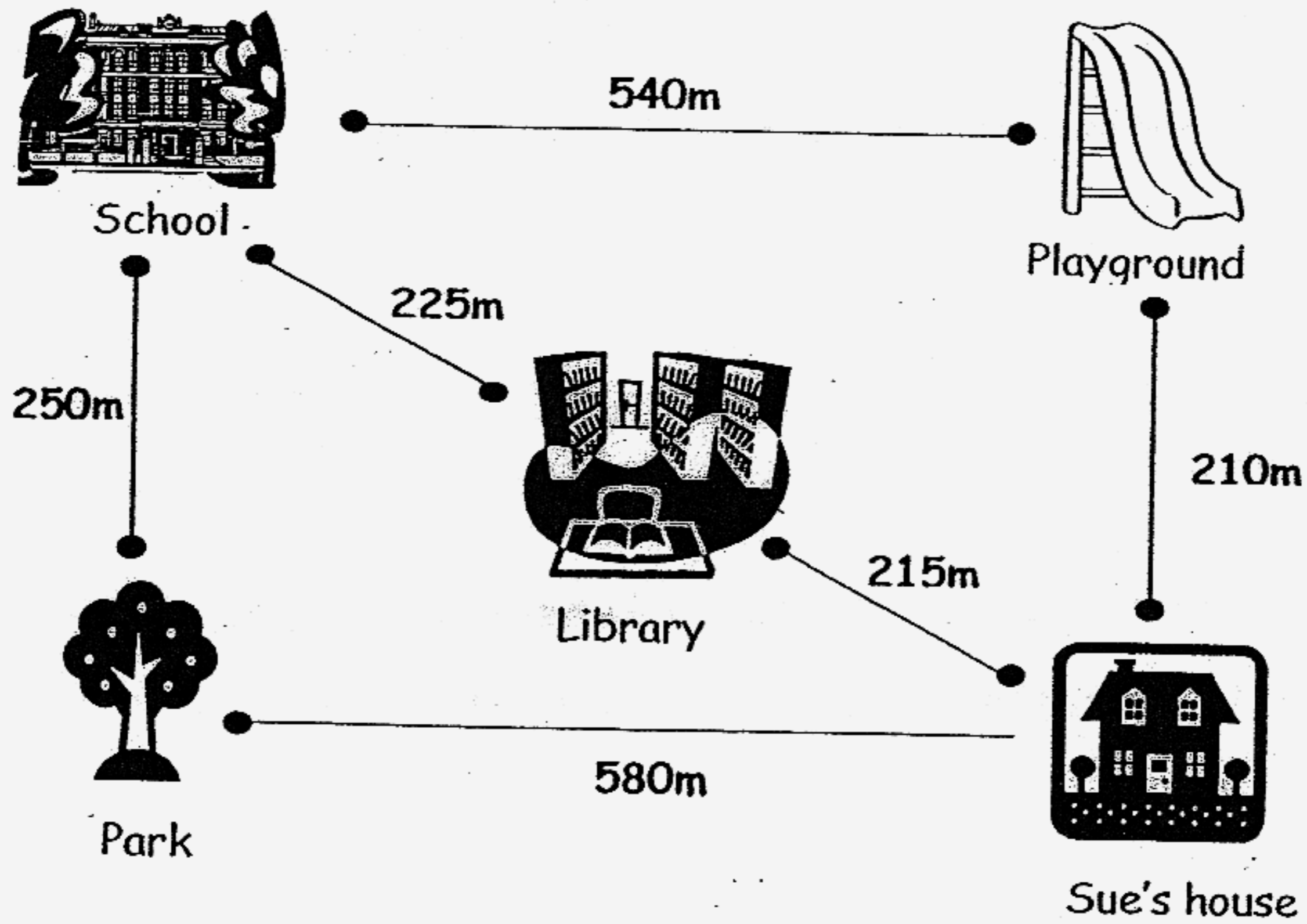21. Shade $\frac{5}{12}$ of the given figure.

22. A slice of a pizza costs $3 and a hotdog costs $2.

How much cheaper is the pizza than 2 hotdogs?

$

23. Write down the smallest 3-digit odd number that can be formed using the digits given below.

| 8 | 7 | 6 |

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Use the information below to answer questions 24 and 25.

24. What is the shortest distance from Sue's house to the school?

```
┌──────────────────┐
│                  │ m
└──────────────────┘
```

25. Willy walked from the library to the school before going to the playground. What is the total distance that Willy walked?

```
┌──────────────────┐
│                  │ m
└──────────────────┘
```
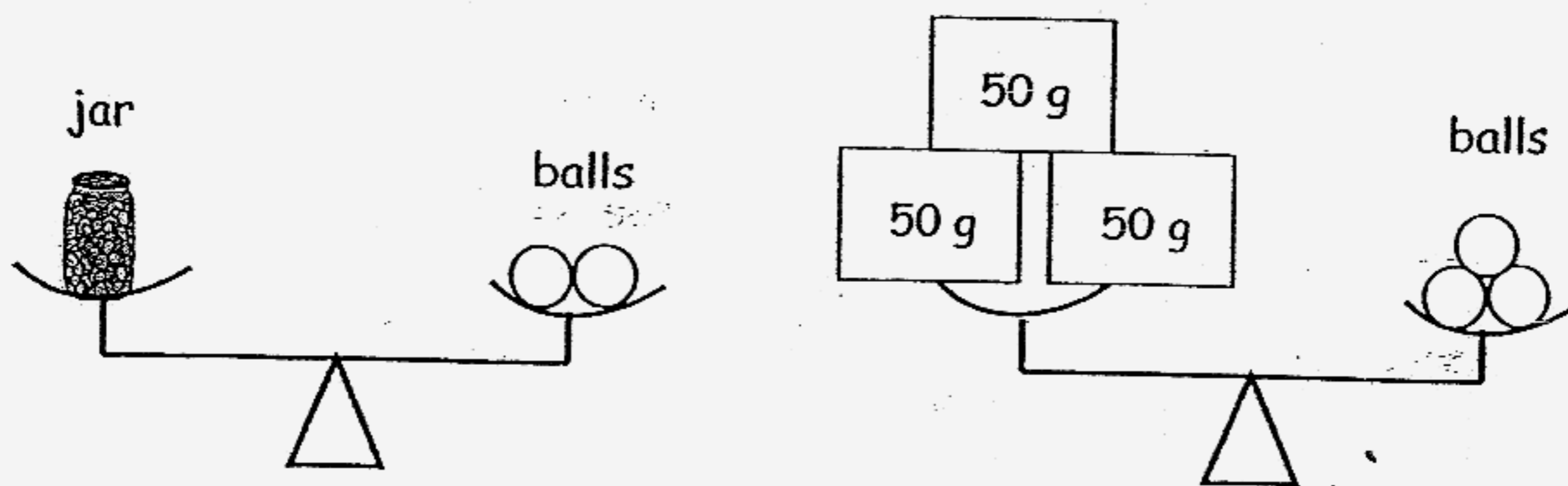
26. Susan has a blue blouse, a white T-shirt and a purple T-shirt. She has a pink skirt and a pair of black pants. In how many ways can Susan wear her clothes? (Hint: Make a list)

27. At a class party, Mrs Ng gave 45 stickers equally to 9 pupils. How many stickers did each boy receive?

28. Andy is heavier than Charlie. Betty is lighter than Andy, but Betty is not the lightest of the three. Arrange the three children in ascending order according to their mass.
(Hint: Draw a picture)

11

Use the pictures below to answer questions 29 and 30.

jar

balls

50 g

50 g | 50 g

balls

29. The mass of the jar is ⬜ g.

30. The mass of one jar is heavier than a ball by ⬜ g.

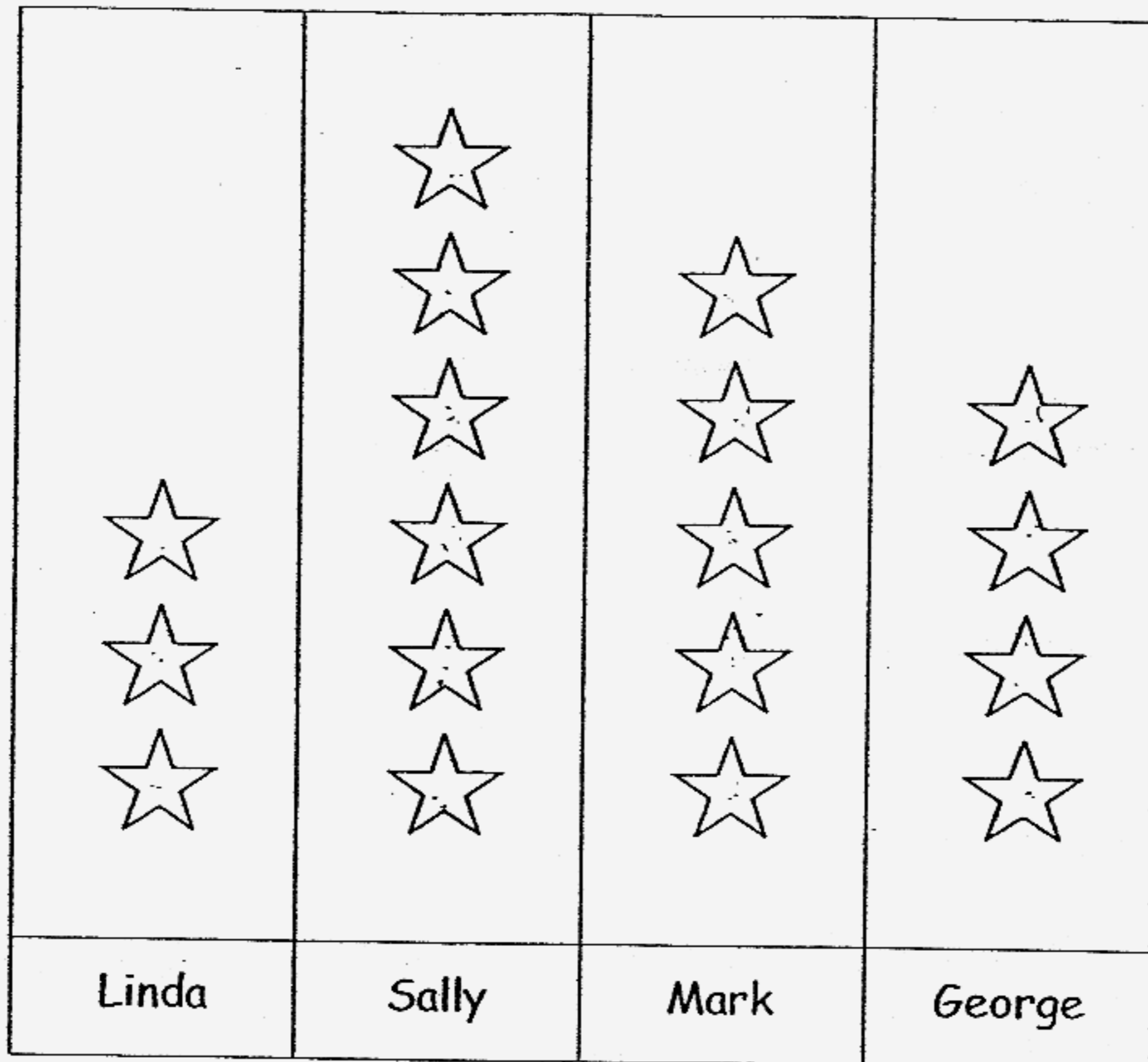31. Alice reads 8 pages of a storybook each day.

After 4 days, she still has 92 pages to read before finishing the book. How many pages are there in the book?

⬜

32. John started on his English homework at 4 p.m. He finished his work in an hour. What time did John finish his work?

⬜ p.m.

Use the graph below to answer questions 33, 34 and 35.

Numbers of Books

Linda	Sally	Mark	George

Each ☆ stands for 4 books.

33. Linda has [   ] books.

34. [   ] has 2 times as many books as Linda.

35. Sally needs to give [   ] books to George so that each will have the same number of books.

Section C: Problem Sums (30 marks)

Read each question carefully. Show all working clearly.

36.   Joshua has 358 marbles. Ray has 117 marbles less than

       Joshua. How many marbles does Ray have? (2 marks)

       Ray has _____ marbles.

37.   Mrs Tan bought   200g of flour from the market.

       She used 126g to make some cakes.

       How much flour was left? (2 marks)

       _____ g of flour was left.

38. Tom wants to buy 8 pens which cost $2 each.

He needs another $8.

How much money does he have? (3 marks)

He has $_____ at first.

39. Jonathan had 3 ten-dollar notes. He spent $12 on a book and a box of chocolates at $6.

How much money had he left? (3 marks)

He had $_____ left.

15

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40.   Mr Lim had 51 shirts in his shop. He gave away 16 shirts

to his friends. After that, he sold 5 shirts a day.

How many days did Mr Lim take to sell all the shirts?

(3 marks)

Mr Lim took _____ days to sell all the shirts.

41.   Amanda has 325 stamps. She has 112 stamps more than

Irene. How many stamps do the two girls have in all?

(3 marks)

The two girls have _____ stamps in all.

16

42. Richard spent $26 on 2 items at a shopping mall.

Which 2 items did he buy?

(Hint: Guess and Check) (3 marks)

Items	Prices
pen	$9
mug	$11
wallet	$12
jacket	$15

The two items were _____ and _____.

43. A pizza was cut into equal pieces. Andy ate 3 pieces.

Joanne ate 4 pieces and Sue ate 2. There were 3

pieces left. What fraction of the pizza was eaten? (3m)

_____ of the pizza was eaten.

44. Jack collects stickers and stamps. For every 4 stickers

he buys, he will get 3 stamps free. If he bought

Stickers   *stamps*

12 _____, how many _____ did he have?

(Hint: Make a table)(4 marks)

He has _____ *stamps*

45. Vincent saves three dollars every day.

(a) How much will he save in 10 days? (2m)

(b) If a bag of cookies cost $5, how many bags of cookies

can he buy at the end of 10 days? (2m)

(a) He will save $_____ in 10 days.

(b) He can buy _____ bags of cookies.

~~~ THE END ~~~

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

16. **Twelve dollars and five cents**

17. $45 + 78 = 123$

    $123 - 74 = \underline{49}$

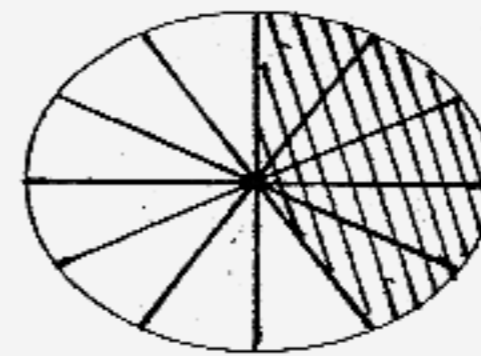18. $1 , \dfrac{1}{2} , \dfrac{1}{4} , \dfrac{1}{6}$

19. $\underline{3} \times \underline{6} = 18$

    $6 - 3 = 3$

    $= \underline{36}$

20. <u>**3 rectangles faces**</u>

21.

22. **Hotdog** = $2.00 × 2 = ~~$4.00~~

    Pizza = $3.00

    $(4.00 − 3.00) = <u>$1.00</u>

23. **687**

24. 215m + 225m = **<u>440m</u>**

25. 225m + 540m = **<u>765m</u>**

26. 1 BB + 1 WTS + 1 PTS = 3

    1 PS + 1 BP = 2

    = 3 x 2 = <u>**6 ways**</u>

27. $45 ÷ 9 = $ **<u>5 stickers</u>**

28. **Charlie , Betty , Andy**

29. $150g \div 3 = 50g$
    $50g \times 2 = \underline{100g}$

30. $100g - 50g = \underline{50g}$

31. $8 \times 4 = 32$ pages
    $92 + 32 = \underline{124 \text{ pages}}$

32. $4pm + 1hr = \underline{5pm}$

33. $3 \times 4 = \underline{12 \text{ books}}$

34. $6 \times 4 = 24$ books (<u>Sally</u>)
    12 books (Linda)

35. $24 - 16 = 8$
    $8 \div 2 = \underline{4 \text{ books}}$

36. $358 - 117 = 241$

    Ray has <u>241 marbles</u>.

37. $200g - 126g = 74g$

    <u>74g</u> of flour was left

38. $8 \times 2 = \$16$
    $16 - 8 = \$8$

    He has <u>$8.00</u> at first.

39. $12 + 6 = \$18$
    $30 - 18 = \$12$

    He has <u>$12.00</u> left.

40. $51 - 16 = 35$
    $35 \div 5 = 7$days

    Mr Lim took <u>7 days</u> to sell all the shirts.

41. $325 - 112 = 213$
    $213 + 325 = 538$

    The 2 girls have <u>538 stamps</u> in all.

42. $11   + $15 = 26

Mug + Jacket

The two items were <u>jacket and mug</u>.

43. $\frac{3}{12}$ + $\frac{4}{12}$ + $\frac{2}{12}$ = $\frac{9}{12}$

$\frac{9}{12}$ of the pizza was eaten

44.   Stickers = 4 , 8 , 12
Stamps = 3 , 6 , 9

He has <u>9 stamps</u>

45a.   10 x 3 = $30

He will save <u>$30.00</u> in 10 days.

45b.   30 ÷ 5 = 6 bags
He can buy <u>6 bags</u> of cookies