AI TONG SCHOOL

2006
SEMESTRAL ASSESSMENT 2
PRIMARY 2

MATHEMATICS

DURATION : 1 H 30 MIN

DATE : 27 October 2006

INSTRUCTIONS
Do not open the booklet until you are told to do so.
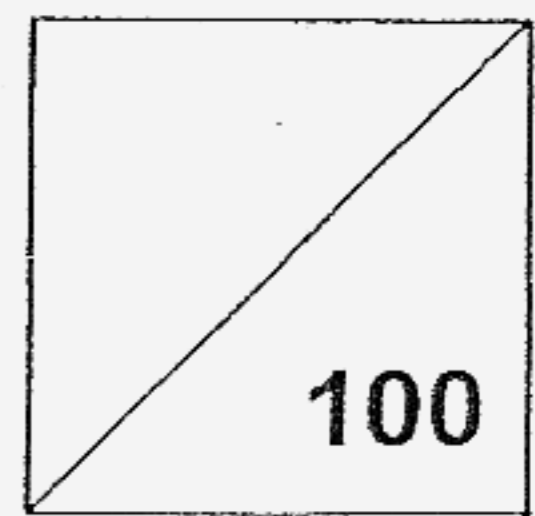Follow all instructions.
Answer all questions.

Name   : _____ (   )

Class   : Primary 2_____   Marks:

100

Parent's Signature   : _____

Date   : _____

Section A (20 x 2 marks)

Choose the correct answer for each question and write its number (1, 2, 3 or 4) in the brackets provided.

1. 5 hundreds, 4 tens and 8 ones has the same value as _____.

    (1) 458
    (2) 548
    (3) 584
    (4) 845

    (   )

2. In 879, the digit _____ is in the tens place.

    (1) 7
    (2) 8
    (3) 70
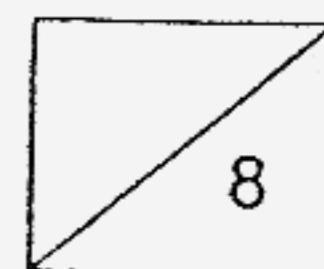   (4) 79

    (   )

3. The sum of 214 and 407 is _____ .

    (1) 611
    (2) 620
    (3) 621
    (4) 711

    (   )

4. The value of 5 x 3 is the same as _____.

    (1) 3 + 3 + 3 + 3 + 3
    (2) 5 + 5 + 5 + 5 + 5
    (3) 3 + 5 + 5 + 3
    (4) 3 x 3 x 3 x 3 x 3

    (   )
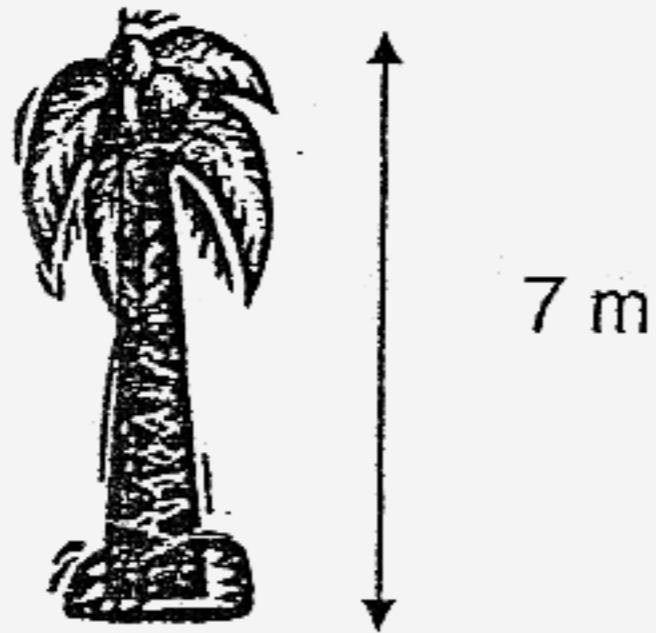
8

5. The mass of a pencil is about _____ .

    (1) 20 g
    (2) 100 g
    (3) 2 kg
    (4) 5 kg   (   )

6. A mango tree is 3 m shorter than the coconut tree below.
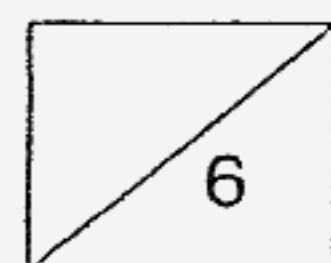   The total height of the mango tree and the coconut tree is _____ m.

7 m

coconut tree

    (1) 13
    (2) 11
    (3) 10
    (4) 4   (   )

7. 4 fifty-cent coins + 6 twenty-cent coins = _____ ten-cent coins.

    (1) 30
    (2) 32
    (3) 300
    (4) 320   (   )

6

8. $1 - \dfrac{2}{5} = \boxed{}$

     (1) $\dfrac{5}{2}$

     (2) $\dfrac{2}{5}$

     (3) $\dfrac{3}{5}$

     (4) $\dfrac{5}{3}$ (   )

9. Mike finished his tuition lesson 30 minutes before noon.
   At what time did his lesson end?

     (1)   11.30 a.m.
     (2)   11.30 p.m.
     (3)   12.30 a.m.
     (4)   12.30 p.m.   (   )

10. The total amount of paint in 3 similar tins of paint is 21 ℓ. How
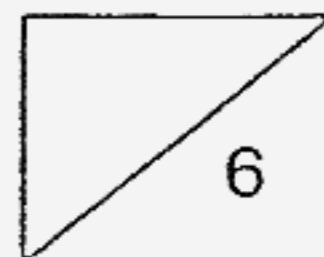   many litres of paint are there in each tin of paint?
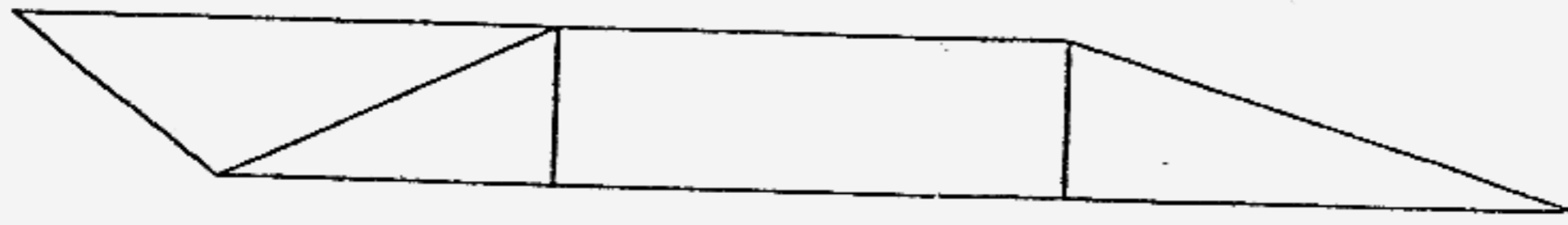
     (1)   7 ℓ
     (2)   8 ℓ
     (3)   18 ℓ
     (4)   24 ℓ   (   )

11. This diagram is made up of _____ triangles and a rectangle.

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

12. $\boxed{} \div 9 = 3$. What is the missing number in the box?

   (1) 6
   (2) 12
   (3) 27
   (4) 29
   (   )
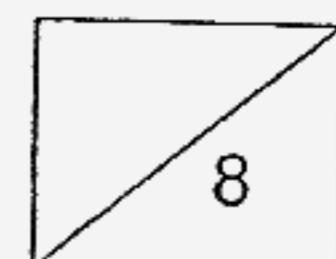
13. 15 minutes after 6 o'clock in the evening is _____.

   (1) 5.45 a.m.
   (2) 5.45 p.m.
   (3) 6.15 a.m.
   (4) 6.15 p.m.
   (   )

14. Abdul had $19.85. He spent $8.00. How much money had he left?

   (1) $10.85
   (2) $11.80
   (3) $11.85
   (4) $27.85
   (   )

8
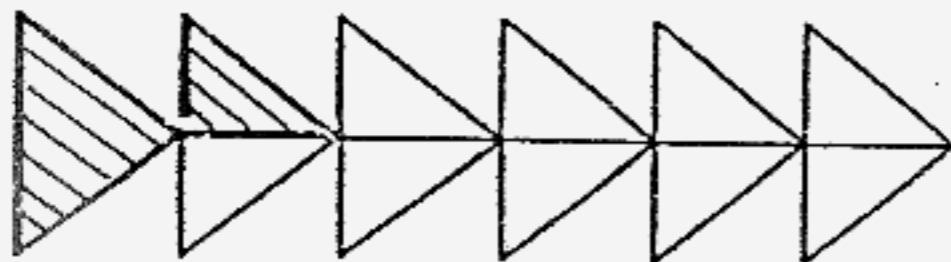
15. Jasmine cycled for 30 minutes. She started at 8.40 am.
    At what time did she stop cycling?

    (1) 8.10 a.m.
    (2) 8.43 a.m.
    (3) 9.10 a.m.
    (4) 9.13 a.m   (   )

16. Look at the figure below. How many **more** parts must you shade to
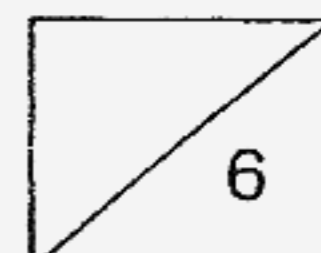   show $\frac{9}{12}$ of the figure is shaded?

    (1) 5
    (2) 6
    (3) 7
    (4) 9   (   )

17. 6 groups of threes have the same value as _____.

    (1) 5 groups of threes
    (2) 9 groups of twos
    (3) 2 groups of tens
    (4) 3 groups of fives   (   )

6

18. Jeremy bought 4 bottles of Pepsi. Each bottle contained 2 ℓ of Pepsi. If he accidentally spilled 3 ℓ of it, how many litres of Pepsi were left?

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

19. Sara spent $4.75 on lunch. Jane spent 90¢ more than Sara. How much did Jane spend for lunch?

   (1) $3.95
   (2) $4.65
   (3) $5.65
   (4) $5.75   (   )

20. Which of the following is the biggest fraction?

   (1) $\dfrac{3}{4}$

   (2) $\dfrac{3}{8}$

   (3) $\dfrac{1}{2}$

   (4) $\dfrac{1}{4}$ (   )

6
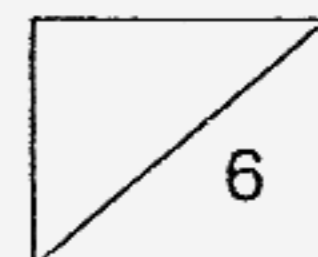
Section B (20 x 2marks)
Write the correct answers in the boxes provided.

21. Write 843 in words.

22. 60 more than 3 tens 15 ones is _____ .
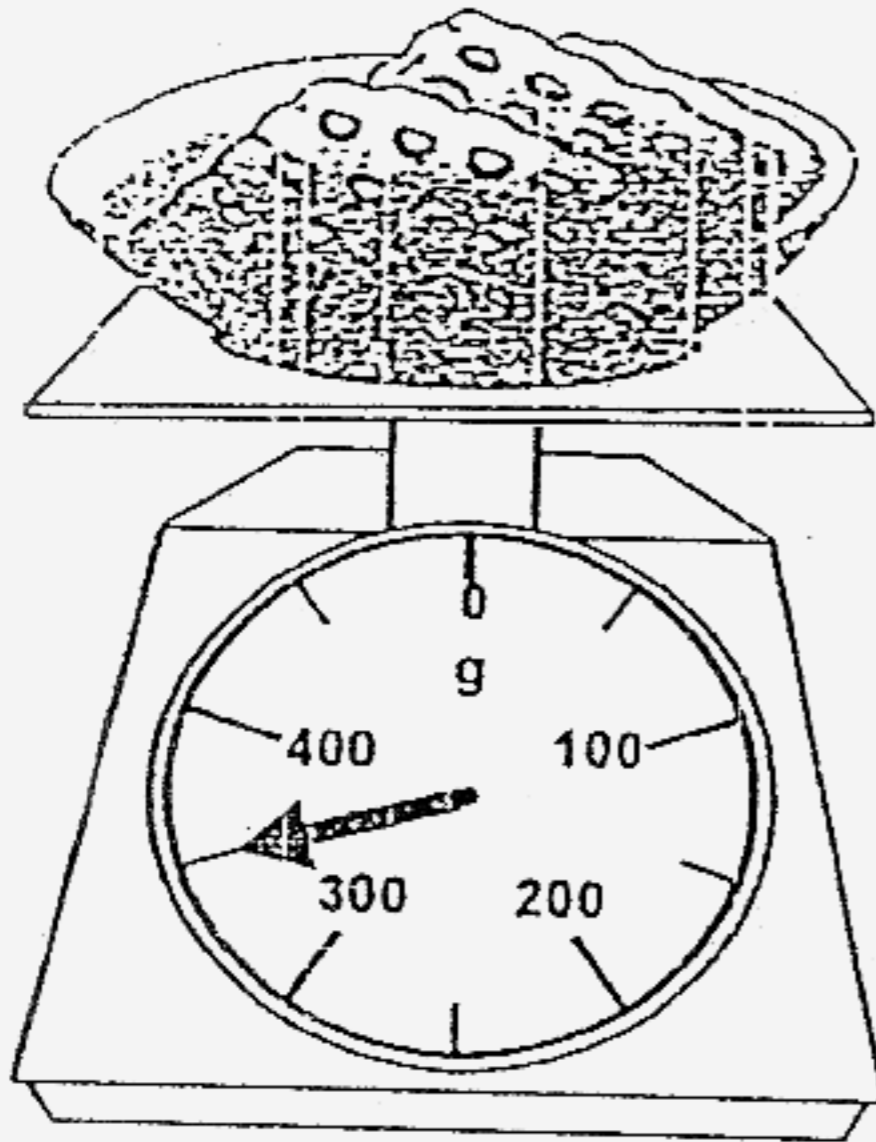
23. How long is the fork shown below?
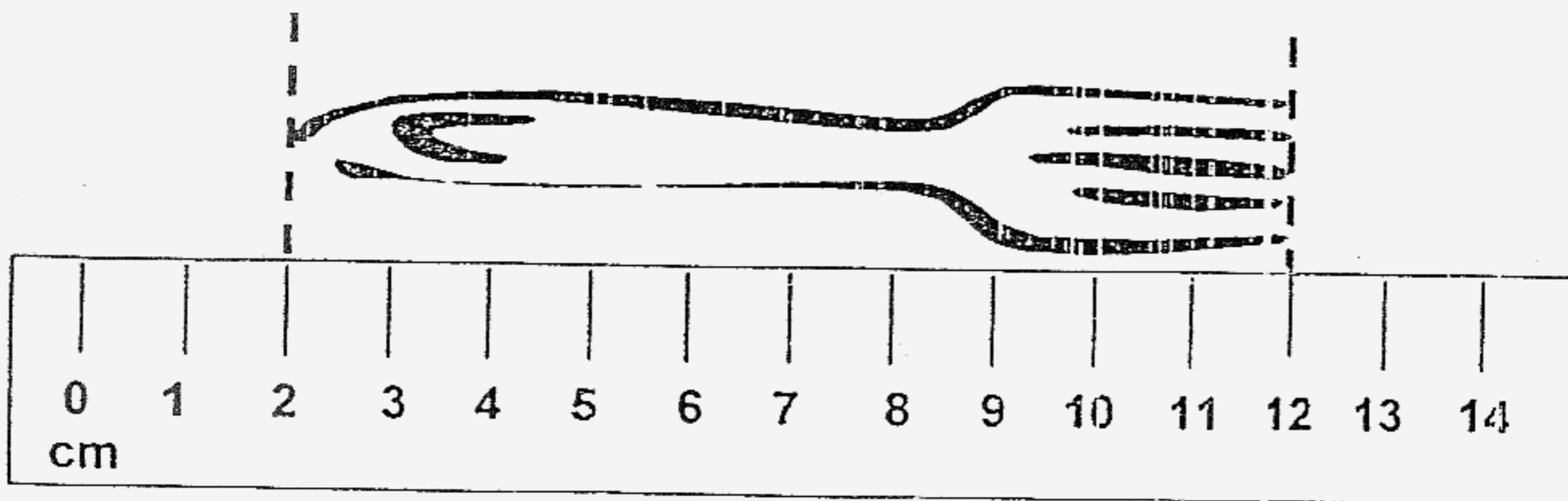
cm

6

24. The mass of three similar vases and a glass bowl is 5 kg. If each vase has a mass of 1 kg, what is the mass of the glass bowl?
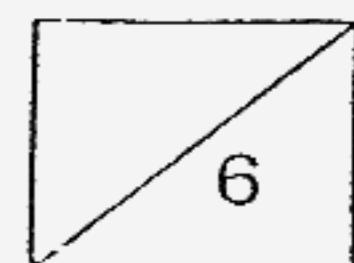
| | kg |

25. If the plate has a mass of 40g, the mass of the biscuits is _____.

| | g |

26. If stands for 8,

then stand for _____.

| |

| /6 |

27. Look at the table below. What is the difference between the mass of the lightest child and the heaviest child?

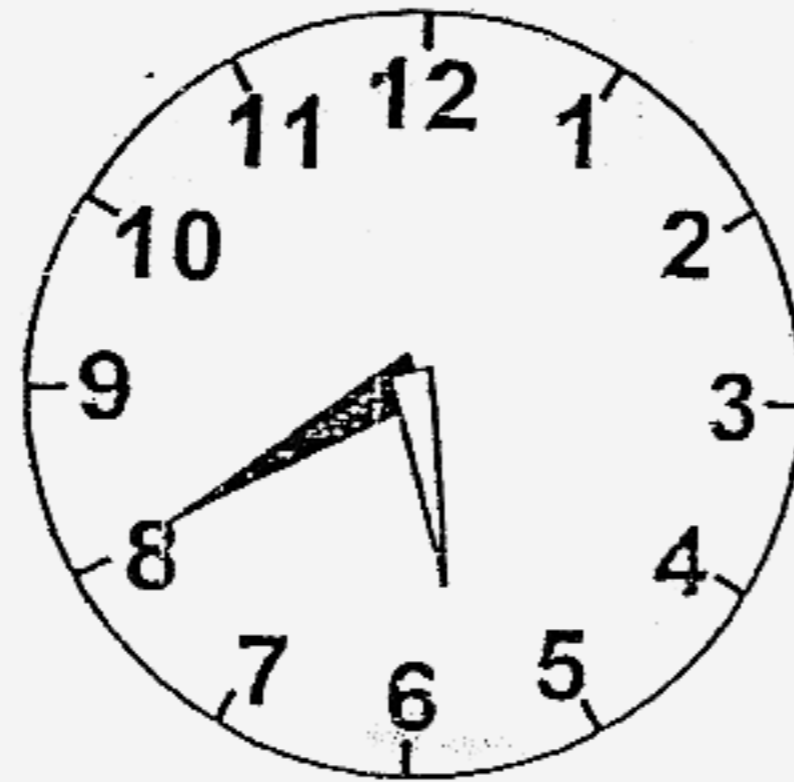| Child's name	Mass
Darren	42 kg
Sarah	39 kg
Jacelyn	53 kg
Brad	64 kg

— [ ] kg

28. A blueberry pie cost $7. Daniel bought 4 blueberry pies. How much did he spend altogether?

$ [ ]

29. Jessica cut her birthday cake into 9 equal pieces. She gave away 3 pieces to her friends. What fraction of the cake is left?

[ ]

6

www.misskoh.com
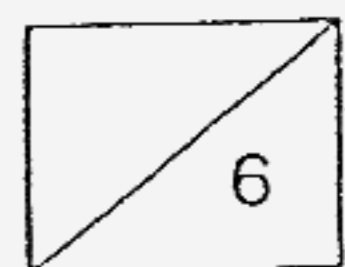
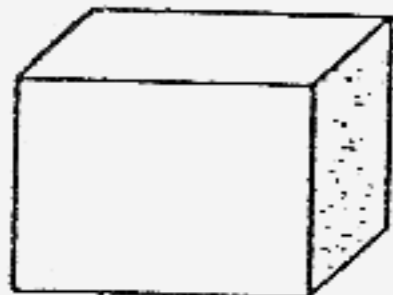30. A clock face shows 5.40 p.m. It is 30 minutes fast. What is the correct time?

☐ p.m.

31. Arrange the following fractions in order, beginning with the **smallest**.

$$\frac{1}{2} \;,\quad \frac{3}{4} \;,\quad \frac{1}{3}$$

☐ , ☐ , ☐
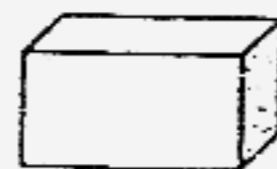
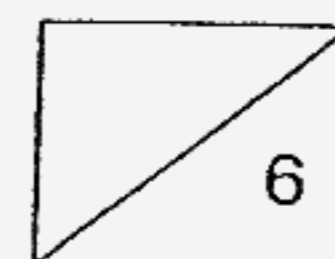32. Study the diagrams below.
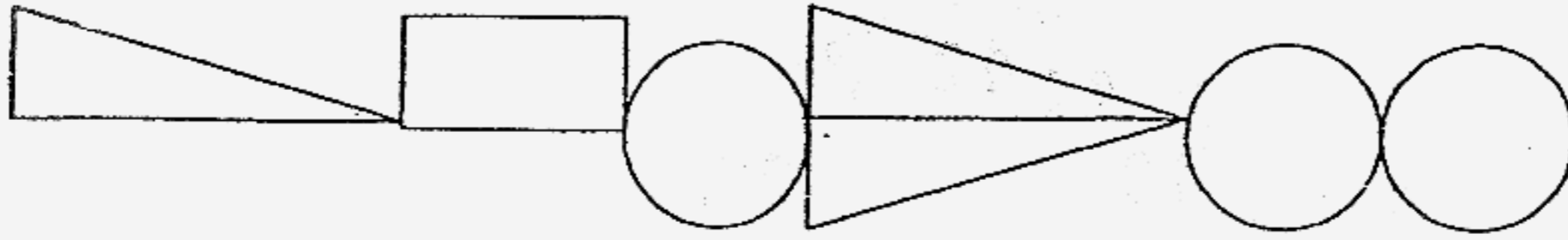
14 litres

Container A

5 litres

Container B

How much more water can Container A hold than Container B?

☐ ℓ

6

33. How many more circles than rectangles are there in the figure?

6

☐

34.

😊 + 😊 = 30

☽ × ☽ = 9

😊 + ☽ = ☐
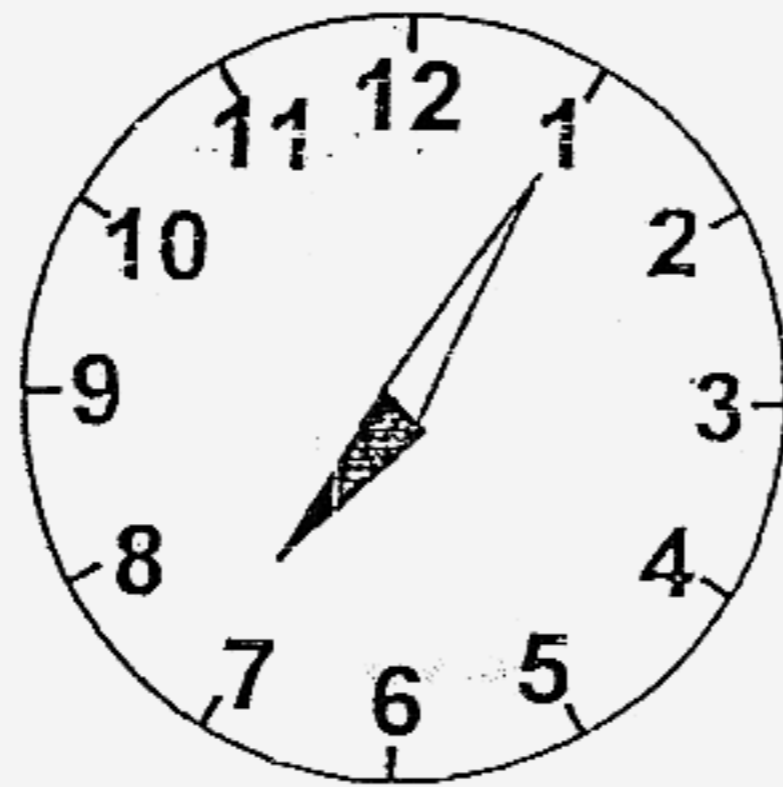
35. Natasha went to a café and ordered the following items:

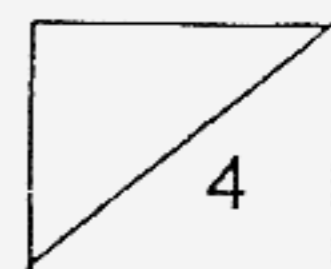Hot chocolate $ 2.40
Salad Sandwich $ 3.00

How much did she have to pay for her meal?

$ ☐

6

36. The minute hand is pointing at _____ minutes.

37. A bottle contained 500 ml of apple juice. Joseph drank some of it, leaving 140 ml in the bottle. How much apple juice did he drink?
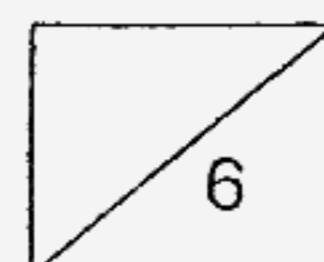
ml

4

The graph below shows the number of birds at Jurong Bird Park.
Study it carefully and answer questions 38, 39 and 40.

parrot	eagle	flamingo	owl	peacock

Each ◯ stands for 3 birds.
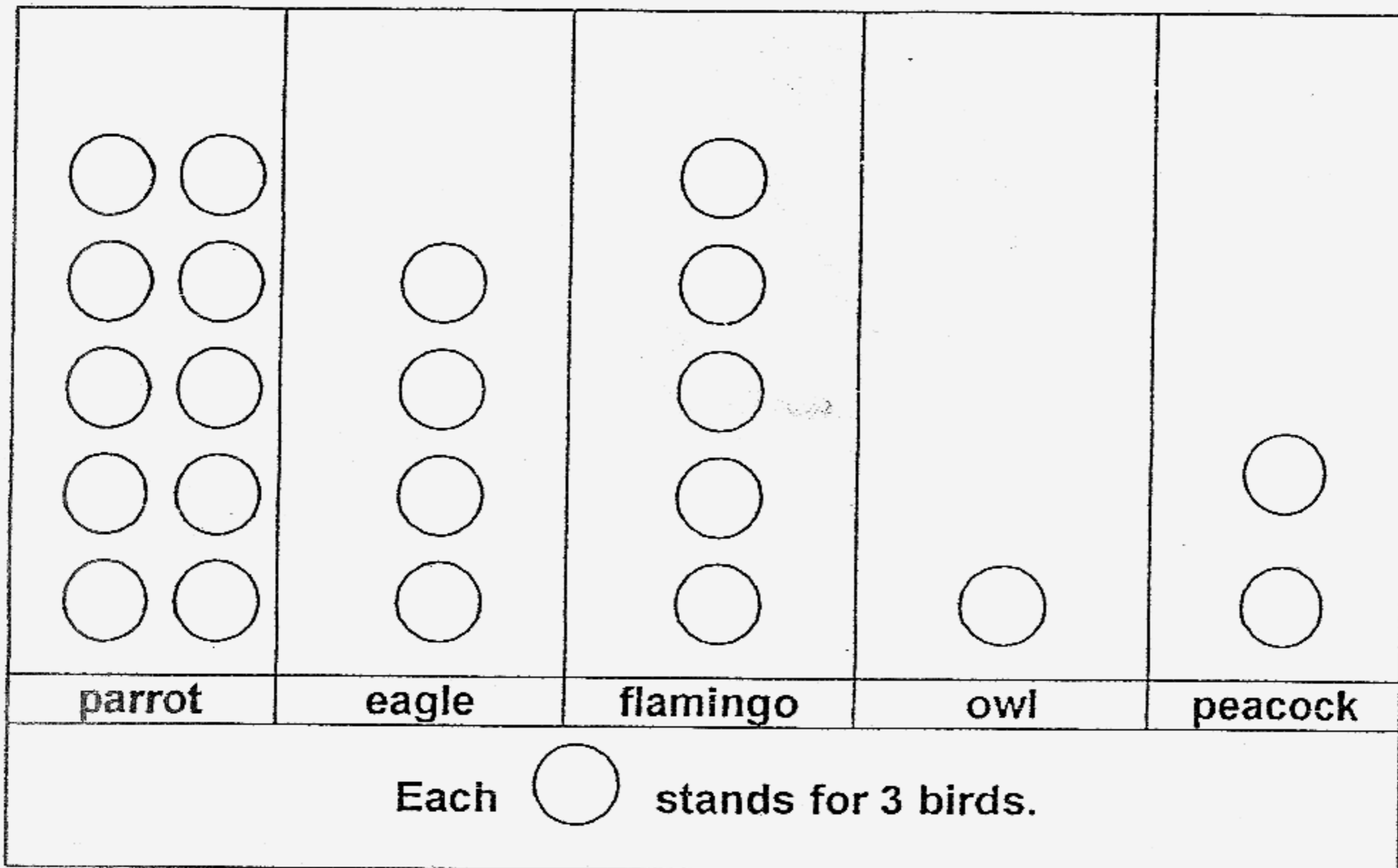
38. There are _____ parrots at Jurong Bird Park.

39. There are _____ fewer peacocks than eagles.

40. How many flamingoes, owls and peacocks are there altogether?

/6

Section C (5 x 4 marks)
Solve the following problem sums. Show your workings clearly.

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41. Andre scored 101 points in a game of Tetris. Franklin would need another 32 points to have the same score as Andre.

    (a) How many points did Franklin score?
   (b) How many points did they score altogether?

42. A wallet costs $134. Michelle has only $89. How much more money does she need in order to buy the wallet?
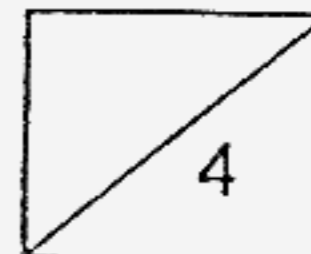
8
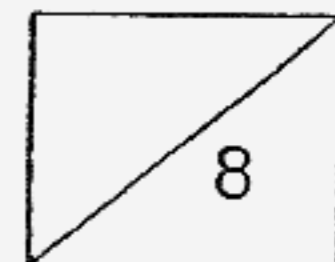
43. Sri has 24 matchsticks which she uses to form triangles.
She uses 3 matchsticks to form each triangle.
How many triangles can she form with all the matchsticks?

44. Adam weighs 49 kg. He is 37 kg lighter than his father.

(a) What is the mass of Adam's father?
(b) What is their total mass?
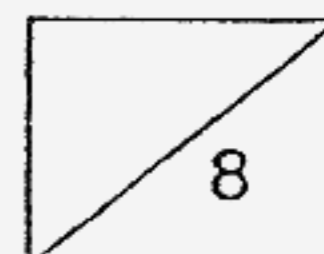
45. 3 girls and 2 boys share 20 candy canes equally.
    How many candy canes does each boy get?

4

- *End of Paper —*
- *Check your work carefully —*

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

21. **Eight hundred and forty-three.**

22. $60 + 30 + 15 = 105$

23. $12 - 2 = 10$

24. $1 \times 3 = 3kg$

 $5kg - 3kg = \underline{2kg}$

25. $350g - 40g = \underline{310g}$

26. $8 \times 4 = 40$

27. $64kg - 39kg = \underline{25kg}$

28. $\$7.00 \times 4 = \$28.00$

29. $\dfrac{9}{9} - \dfrac{3}{9} = \underline{\dfrac{6}{9}}$ **cake is left**

30. 5.10pm

31. $\dfrac{1}{3} , \dfrac{1}{2} , \dfrac{3}{4}$

32. $14\ell - 5\ell = 9\ell$

33. $3 - 1 = \underline{2}$ **more circles**

34.

$30 - 15 = 15$

$9 \div 3 = 3$

 $15 + 3 = \underline{18}$

35. $3.00 + $2.40 = $5.40   36. 5 minutes

37. 500 − 140 = 360mℓ   38. 10 x 3 = 30 parrots

39. 2 x 3 = 6   40. 5 x 3 = 15

    4 x 3 = 12   1 x 3 = 3

    12 − 6 = 6 few peacocks   15 + 3 + 6 = 24 altogether

41a. 101 − 32 = 69

Franklin scored 69 points.

41b. 101 + 69 = 170

They scored 170 points altogether.

42. $134.00 − $89.00 = $$45.00

She needs $45.00 in order to buy the wallet.

43. 24 ÷ 3 = 8 triangles

She can form 8 triangles with 24 matchsticks.

44a 49kg + 37kg = 86kg

Adam's father mass is 86kg

44b. 86kg + 49kg = 135kg

Their total mass is 135kg

45. 20 ÷ 5 = 4 candy canes

Each get 4 candy canes