**RED SWASTIKA SCHOOL**

# RED SWASTIKA SCHOOL

## 2015 SEMESTRAL ASSESSMENT 2

## MATHEMATICS

Name : _____ ( )

Class : Primary 3 / _____

Date : 30 Oct 2015

# BOOKLET A

20 Questions
40 Marks
Duration of Paper : 1 hour 45 minutes

**Note:**

1. Do not open this Booklet until you are told to do so.
2. Read carefully the instructions given at the beginning of each part of the Booklet.
3. Do not waste time. If a question is difficult for you, go on to the next one.
4. Check your answers thoroughly and make sure you attempt every question.
5. In this booklet, you should have the following:
   (a) Page 1 to Page 6
   (b) Questions 1 to 20

Questions 1 to 20 carry 2 marks each. For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet.                    (40 marks)

**1**



    (1)   2 053
    (2)   2 153
    (3)   3 053
    (4)   3 153

**2**    Four thousand, six hundred and thirteen written in numerals is _____.

    (1)   4 600
    (2)   4 603
    (3)   4 613
    (4)   4 630

**3**    What is $\dfrac{9}{12}$ in its simplest form?

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

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

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

    (4)   $\dfrac{3}{12}$

**4** Find the sum of 354 and 598.

(1) 244
(2) 725
(3) 825
(4) 952

**5** What is the quotient of 4 935 ÷ 7?

(1) 7
(2) 75
(3) 705
(4) 750

**6** $2 \times 12 = 2 \times$ 😊 $\times 3$. What is 😊 ?

(1) 6
(2) 12
(3) 24
(4) 4

**7** Express 3 km 7 m in metres.

(1) 37 m
(2) 307 m
(3) 3 007 m
(4) 3 070 m
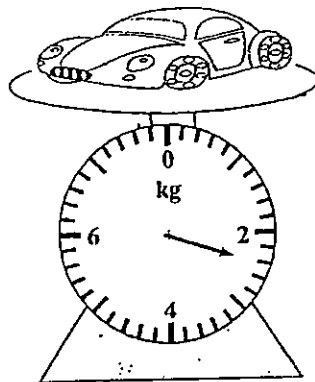
**8** Subtract $76.65 from $100. The answer is _____.

(1) $23.35
(2) $24.45
(3) $33.35
(4) $34.45

9   The table shows the masses of 4 children when they were babies.

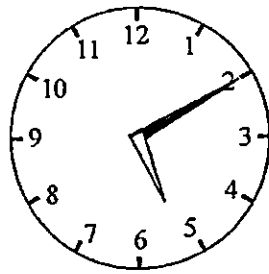| Alice | 3 879 g |
| Penny | 3 893 g |
| Cynthia | 3 379 g |
| Darren | 3 798 g |

Who weighed the least?

(1)   Alice
(2)   Penny
(3)   Cynthia
(4)   Darren

10   The diagram below shows the mass of one toy car.
What is the mass of two such toy cars?



(1)   2 kg 200 g
(2)   2 kg 400 g
(3)   4 kg 400 g
(4)   4 kg 800 g

**11** What is the time shown on the clock below?



(1) 10 min to 5
(2) 50 min to 5
(3) 10 min past 5
(4) 10 min past 4

**12** The sum of two numbers is 678. If one number is 457, what is the other number?

(1) 201
(2) 221
(3) 1 025
(4) 1 135

**13** 6 pens cost $8. What is the cost of 42 such pens?

(1) $7
(2) $48
(3) $56
(4) $336

**14** Two files cost as much as one book. 5 such books cost $100. How much does one file cost?

(1) $10
(2) $15
(3) $20
(4) $40

**15** Which is **not** the correct equation for the picture below?
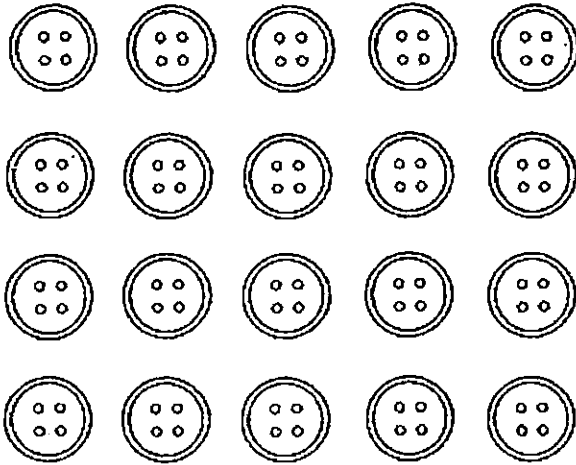


(1)  4 × 4
(2)  5 × 4
(3)  5 + 5 + 5 + 5
(4)  4 + 4 + 4 + 4 + 4


**16** Jason is 8 years old. His cousin is 4 times as old as Jason.
What is the difference in their ages?

(1)  24
(2)  2
(3)  32
(4)  4


**17** A farmer had 78 goats and 56 cows. He sold 32 goats and bought 14 cows.
How many goats and cows did he have altogether in the end?

(1)  88
(2)  116
(3)  152
(4)  180

**18**   Each student is assigned a locker number same as his/her index number. If Lisa's index number is 24, what colour will her locker be?

| 40 | 39 | | |
|----|----|----|----|
| 24 17 16 | 23 18 15 | 22 19 14 | 21 20 13 |
| 9. | 10. | 11. | 12 |
| 8. | 7 | 6. | 5 |
| 1 | 2. | 3. | 4 |
| Red | Blue | Green | Pink |

  (1)  Red
  (2)  Blue
  (3)  Green
  (4)  Pink

**19**   Siti has 198 bookmarks. If she were to give 6 bookmarks to each of her classmates, she would need 18 more bookmarks. How many classmates does Siti have?

  (1)  12
  (2)  24
  (3)  30
  (4)  36

**20**   Mr Ho spent $\frac{2}{5}$ of his money on a shirt and $\frac{3}{10}$ of his money on a pair of pants. What fraction of his money did he spend altogether?

  (1)  $\frac{3}{10}$

  (2)  $\frac{5}{10}$

  (3)  $\frac{7}{10}$

  (4)  $\frac{8}{10}$

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## 2015 SEMESTRAL ASSESSMENT 2

## MATHEMATICS

Name : _____ ( )

Class : Primary 3 / _____

Date : 30 Oct 2015

# BOOKLET B

28 Questions
60 Marks

In this booklet, you should have the following:
(a) Page 7 to Page 17
(b) Questions 21 to 45

MARKS

| | OBTAINED | POSSIBLE |
|---|---|---|
| BOOKLET A | | 40 |
| BOOKLET B | | 60 |
| TOTAL | | 100 |

Parent's Signature : _____

Questions 21 to 40 carry 2 marks each. Show your working clearly in the space below each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated.          (40 marks)

21  Write 6 940 in words!

Ans: _____

22  What is the value of the digit 7 in 4 678?

Ans: _____

23  Study the number pattern below.

5 088, 5 098, 5 108, _____, 5 128, 5 138 .....
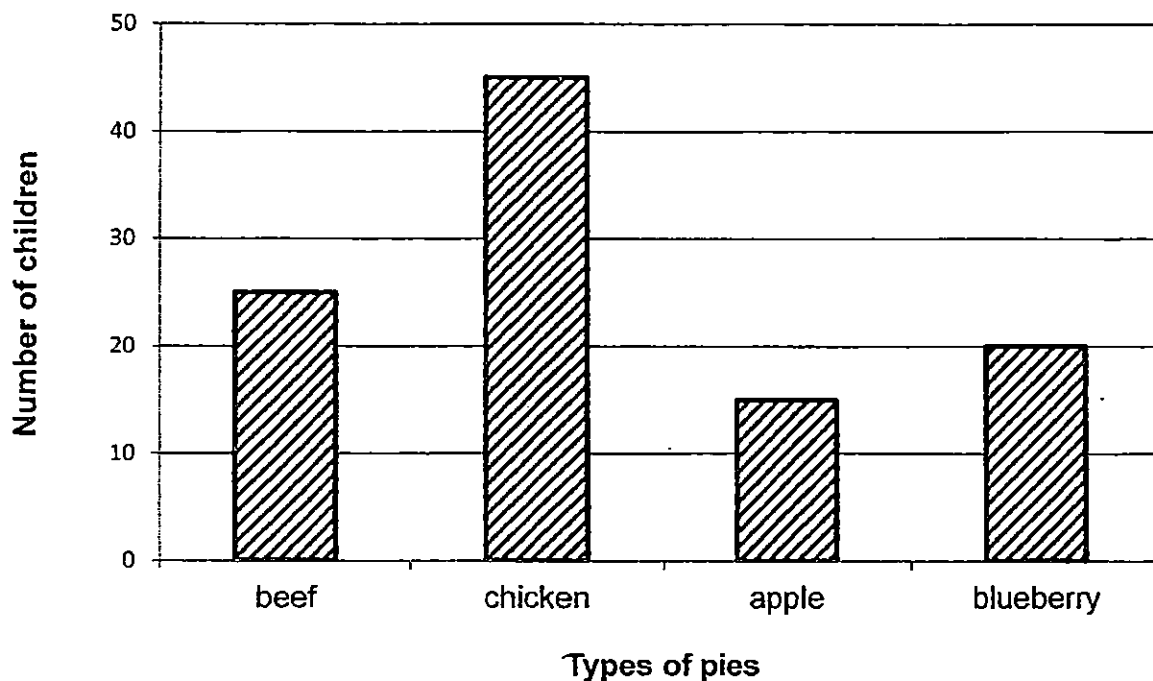
What is the missing number in the blank?

Ans: _____

24  Mark two right angles in the figure below.



8

7
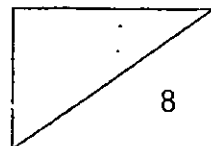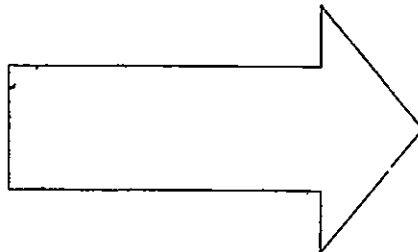
The bar graph below shows the types of pies that a group of children like.
Use it to answer Question 25.

**Types of pies**

25     What is the difference between the number of children who like chicken pies and apple pies?
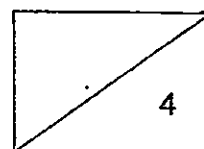
Ans:_____

26     Study the set of numbers below. What does △ represent?

◯ + ◯ = **12**

✛ + ◯ = **20**

△ + ✛ = **18**

Ans: _____

8

**27**  Andy spent 45 minutes ironing his clothes. He started ironing his clothes at 10.35 a.m. What time did he finish ironing his clothes?

Ans:_____

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**28**  Henry wants to buy the book shown below.
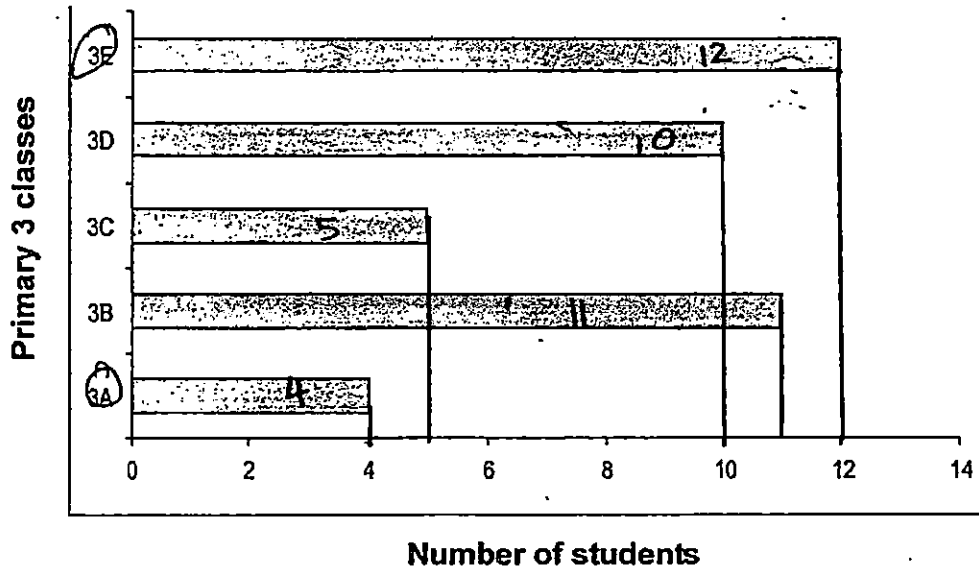He has $4.60. How much more money does he need?

$ 12

Ans:$_____

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**29**  There are _____ quarters in 7 wholes.

Ans:_____

6
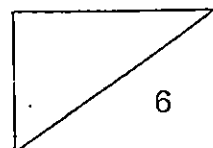
The graph below shows the number of students from each
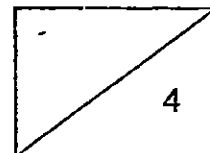Primary 3 class who took part in a chess game.
Use it to answer Questions 30 and 31.



**Number of students**

30    How many students took part in the chess game?

Ans: _____

31    The number of students from Primary 3E who took part in the chess game
was _____ times the number of students from Primary 3A. What is the
missing number in the blank?

Ans: _____

**32** Arrange the fractions $\frac{5}{8}$, $\frac{2}{5}$; $\frac{1}{2}$ in order, beginning with the smallest.

_____, _____, _____

smallest                                  greatest

---

**33** Using a ruler, draw a shape that has 5 sides and 5 angles in the box below.

---

**34** Alice, Bernice and Cindy had a total of 1 792 beads. Bernice had 240 more beads than Alice. Cindy had 100 more beads than Bernice. How many beads did Alice have?

Ans: _____

6

35   Anne ate $\dfrac{1}{3}$ of a pizza. Her sister ate $\dfrac{1}{2}$ of the pizza. Anne then gave
the rest of the pizza to her brother. What fraction of the pizza did her
brother receive?

Ans:_ _____

36

**1 tray of cupcakes**
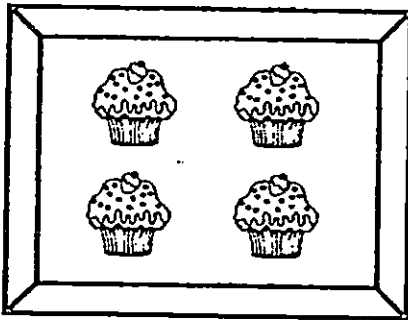
**1 tray of donuts**
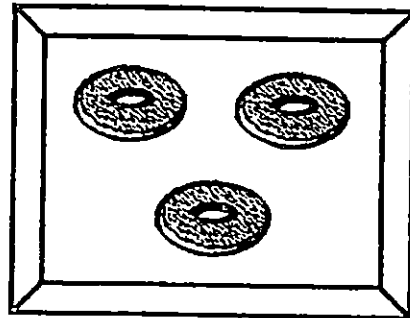
Ben bought 12 trays of cupcakes. How many trays of donuts must he buy so
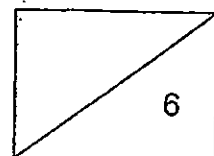that he can have the same number as cupcakes?

Ans:_____

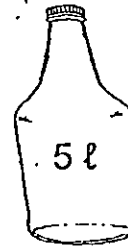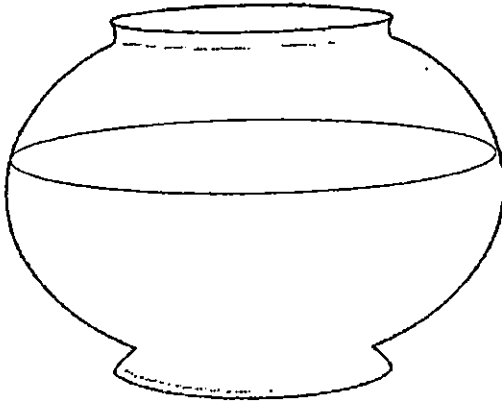37   A tennis racket costs 8 times as much as a pair of sports shoes. A tennis
racket and a pair of sports shoes cost $477 . How much does a tennis racket
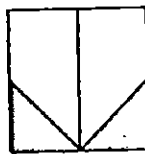cost?

Ans:$         _____

12

6

**38**  The figure below shows a fish bowl which can hold 95 ℓ of water and a 5 ℓ - bottle. The fish bowl is filled with 65 ℓ of water. How many 5 ℓ - bottles of water are needed to fill the fish bowl completely?
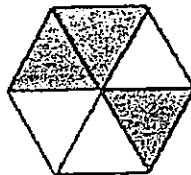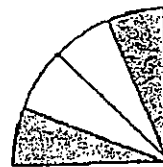
Ans:_____

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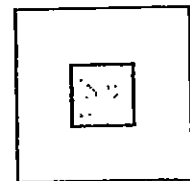**39**  Which of the following two figures do **not** show $\frac{1}{2}$ of the figure shaded?
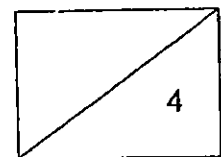
A          B          C          D
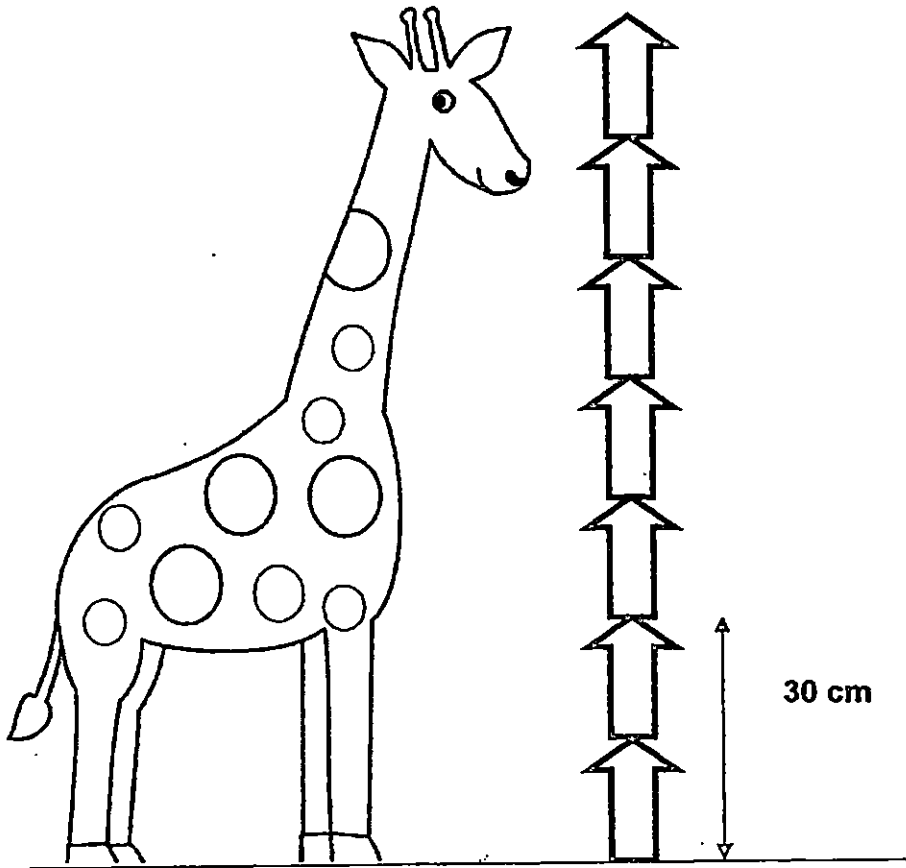
Ans: _____ and _____

4

13

**40** What is the height of the toy giraffe?

Each ⬆ has the same height.

Give your answer in metres and centimetres.

30 cm

Ans:_____ m _____ cm

14
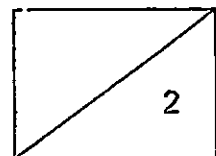
For questions 41 to 45, show your working clearly in the space below each question and write your answers in the spaces provided.

(20 marks)

41    Ali, Bala and Carl collected a total of 6 000 bottle caps. Ali collected
      1 540 bottle caps. Bala collected 978 more bottle caps than Ali. How
      many bottle caps did Carl collect?

                                            Ans: _____  [4]

42    Siti bought 6 boxes of strawberries. There were 30 strawberries in each
      box. She also bought 15 boxes of oranges. There were 5 oranges in
      each box. How many more strawberries than oranges were there?

                                            Ans: _____  [4]
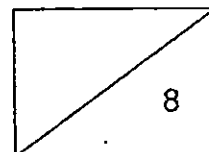
43    Rayson played badminton for 75 minutes. He then jogged for 30 minutes.
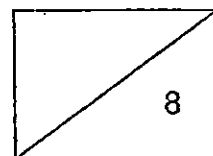      He stopped jogging at 6.30 p.m. What time did he start playing badminton?

                                          Ans: _____ [4]

44    The picture below shows the first 4 rows of white and grey floor tiles in a
      bathroom.



      There are 16 rows of tiles in total and the tiles are arranged in the pattern
      shown. How many grey tiles are there altogether?

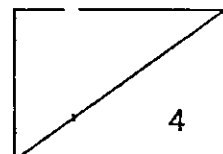                                          Ans: _____ [4]

8

45   Samy had some marbles. During a game, he lost 32 marbles. He then went to buy 4 packets of marbles. There were 15 marbles in each packet. If he had 90 marbles in the end, how many marbles did he have at first?

Ans: _____[4]

4

EXAM PAPER 2015
LEVEL    : PRIMARY 2
SCHOOL   : RED SWASTIKA SCHOOL
SUBJECT  : MATHEMATICS
TERM     : SA2

| Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 | Q9 | Q10 |
|----|----|----|----|----|----|----|----|----|-----|
| 4 | 3 | 3 | 4 | 3 | 4 | 3 | 1 | 3 | 3 |
| Q11 | Q12 | Q13 | Q14 | Q15 | Q16 | Q17 | Q18 | Q19 | Q 20 |
| 3 | 2 | 3 | 1 | 1 | 1 | 2 | 1 | 4 | 3 |

Q21. six ~~hundred~~ thousand, nine hundred and forty

Q22. 70

Q23. 5118

Q24. *Mark any 2 right angles in the figure*

Q25. 30

Q26. 4

Q27. 11.20 am

Q28. $7.40 ➡ $10-$4.60=$7.40

Q29. 28

Q30. 42

Q31. 3

Q32. $\frac{2}{5}$ (smallest), $\frac{1}{2}$ , $\frac{5}{8}$ (greatest)

Q33.



Q34. 404 ➡ 240+240=480, 480+100=580, 1792-580=1212, 1212÷3=404

Q35. $\frac{1}{6}$ ➡ $\frac{1}{3}+\frac{1}{2}=\frac{5}{6}$, $1-\frac{5}{6}=\frac{1}{6}$

Q36. 16 ➡ 12x4=48, 48÷3=16

Q37. $424 ➡ $477÷9=$53, $53x8=$424

Q38. 6

Q39. A and D

Q40. 1m 5 cm

Q41. Carl collected 1942 bottle caps. →1540+978=2518, 1540+2518=4058, 6000-4058=1942

Q42. There are 105 more strawberries than oranges. → 15x5=75, 30x6=180, 180-75=105

Q43. He started at 4.45pm.

Q44. There are 56 grey tiles altogether. → 16÷2=8, 8x4=32, 8x3=24, 24+32=54

Q45. He have 62 marbles at first. → 15x4=60, 90-60=30, 30+32=62

**THE END**