# Rosyth School
## Second Semestral Assessment 2009
## Mathematics
## Primary 2

Total

**100**
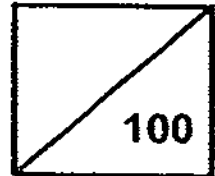
**Name:** _____

**Class: Pr 2-**_____ **Register No.** _____ **Duration: 1h 30 min**

**Date: 3 November 2009**  **Parent's Signature:** _____

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## Instructions to Pupils:

1. Do not open this booklet until you are told to do so.
2. Follow all instructions carefully.
3. This paper consists of 3 parts, Sections A, B and C.
4. ANSWER ALL THE QUESTIONS.
5. Check all answers carefully.

|  |  |  |
|---|---|---|
| **Section A** | 20 | |
| **Section B** | 60 | |
| **Section C** | 20 | |
| **Total** | 100 | |

* This paper consists of _____18_____ pages altogether.

## Section A (20 marks)

Questions 1 to 10 carry 2 marks each.

For each question, four choices are given. Choose the correct answer and write its number (1, 2, 3 or 4) in the brackets ( ) provided.

1. 1 ten less than 533 is _____ .

   (1) 433

   (2) 443

   (3) 523

   (4) 543

   ( )

2. In 463, the value of the digit in the tens place is _____ .

   (1) 2 + 4

   (2) 3 + 60

   (3) 46 + 3

   (4) 47 + 13

   ( )

3. $624 - \bigstar = 354$ . What is the value of $\bigstar$ ?

   (1) 270

   (2) 330

   (3) 370

   (4) 978

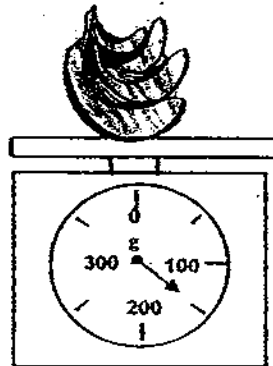   ( )

4. What is the product of 9 and 5?

(1) 4
(2) 14
(3) 45
(4) 95                                                    (    )


5. The figure below shows the mass of 1 comb of bananas. The mass of 2 combs of bananas is _____.



(1) 100g
(2) 150g
(3) 200g
(4) 300g                                                  (    )
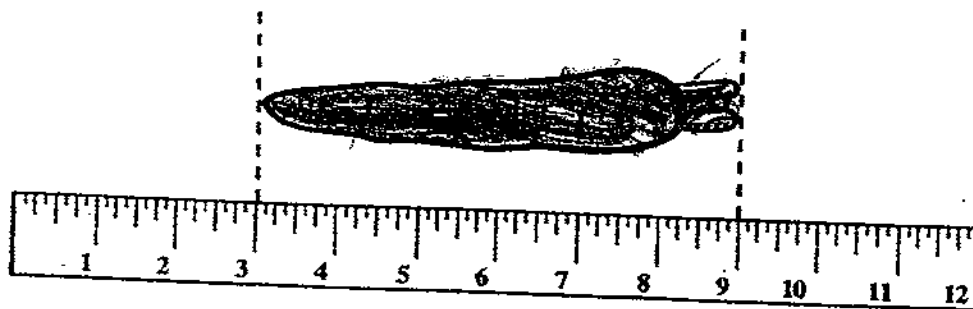
6. What fraction of this figure is shaded?

|        |   |   |   |
|--------|---|---|---|
| ■      |   |   |   |

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

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

(3) $\dfrac{1}{6}$

(4) $\dfrac{1}{8}$

(     )

7.

The carrot is about _____ cm long.

(1) 9

(2) 6

(3) 4

(4) 3

(     )

8. What is the time shown on the clock?



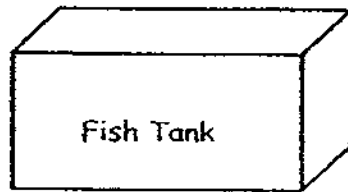(1) 10.50

(2) 10.55

(3) 11.10

(4) 11.50                                           (    )

9. The fish tank can hold 16ℓ of water. How many pails of water are needed to fill up the fish tank to the brim?



(1) 2

(2) 8

(3) 16

(4) 18                                              (    )

10. Sam has 2 fifty-cent coins, 3 twenty-cent coins and 5 ten-cent coins. How much money does he have in all?

(1) $0.80

(2) $1.10

(3) $2.10

(4) $12.00                                          (    )
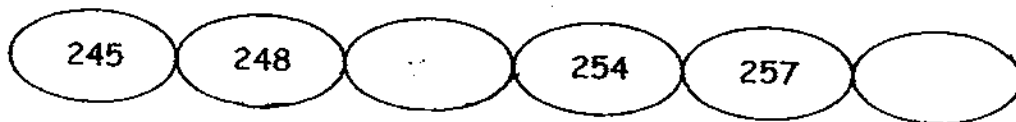
## Section B (60 marks)
Questions 11 to 40 carry 2 marks each.
Write your answers in the boxes provided.

11. Write three hundred and eighty-five in numerals.

Answer: [                    ]

12. Complete the number pattern.

$\left(245\right)$ $\left(248\right)$ $\left(\quad\right)$ $\left(254\right)$ $\left(257\right)$ $\left(\quad\right)$

13. $360 - 90 =$ _____

Answer: [                    ]

14. Look at the digits below.

$\left(0\right)$ $\left(9\right)$ $\left(4\right)$

Form the **largest** and **smallest** 3-digit numbers without repeating any digit.

The difference between the **largest** and the **smallest** 3-digit number is

_____.

Answer: [                    ]

15.  7 X _____ = 21

Answer:

16.  40 ÷ 5 = _____

Answer:

17.  Study the sum below. What is the missing number?

```
     8    4    6
  −  1  [ ? ]  8
  ─────────────
     6    6    8
```

Answer:

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



Answer:

6
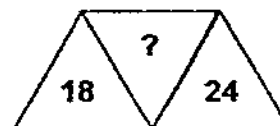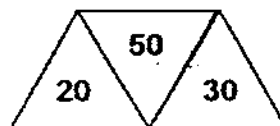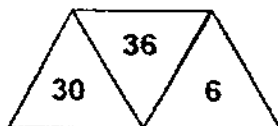
19. Arrange the following fractions beginning with the **greatest**.

$$\frac{1}{10}, \quad \frac{1}{4}, \quad \frac{1}{8}$$

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┌─────────────────────────────────────────┐
│              ,                    ,       │
└─────────────────────────────────────────┘
```

20.

$$\frac{2}{7} + \frac{3}{7} + \boxed{\phantom{x}} = \frac{6}{7}$$

Answer: ☐

21. Mrs Lim needs 4 eggs to bake a cake.
How many eggs does she need for 6 such cakes?

Answer: ☐ eggs

22. Jia Jia had 20 stickers.
She had 10 **more** stickers than Li Yen.
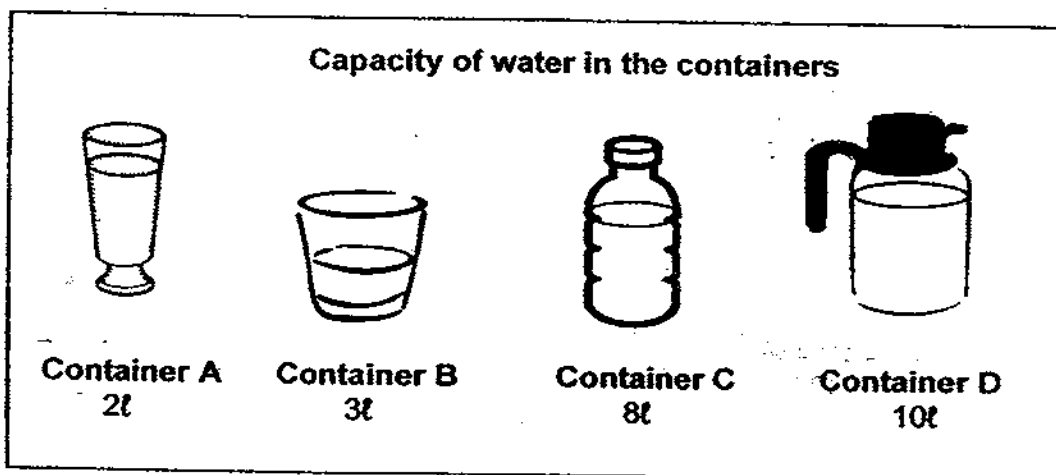How many stickers did they have altogether?

Answer: ☐ stickers

23. There were some cars in a carpark.
If there were a total of 32 wheels, how many cars were there in the carpark?

Answer: ☐ cars

*Study the containers below and answer questions 24, 25 and 26.*

**Capacity of water in the containers**

| Container A | Container B | Container C | Container D |
|---|---|---|---|
| 2ℓ | 3ℓ | 8ℓ | 10ℓ |

24. Container C contains 8 litres of water. What is the total volume of water in 3 such containers with the same amount of water?

Answer: [ ]

25. The volume of water in **Container D** is _____ litres more than the volume of water in **Container B**.

Answer: [ ]

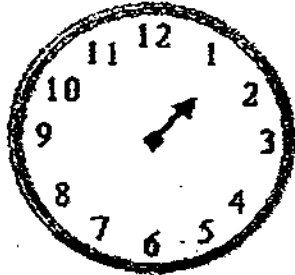26. Which 2 containers add up to have the same volume of water in Container D?

Container [ ] and Container [ ] would add up to have the same volume of water in **Container D**.

8

*Use the clocks below and answer questions 27, 28 and 29.*
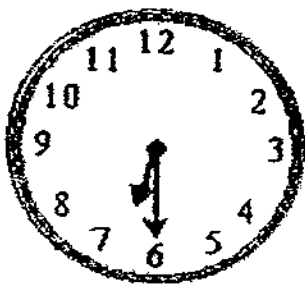
Miss Tan and her class went to Sentosa.



Left for Sentosa
1.30 p.m.

27. **Draw the minute hand on the clock to show 1.30 p.m.**

28. The class took an hour for their tea break. If they ended their tea break at 3.00 p.m., what time did they have their tea break?

Answer: _____ p.m.

29.



Back to School
6.30 p.m.

Miss Tan took half an hour to reach home after dismissing her class at 6.30 p.m. What time did she reach home?

Answer: _____ p.m.

30. Arrange the following lengths below from the **longest to the shortest**.

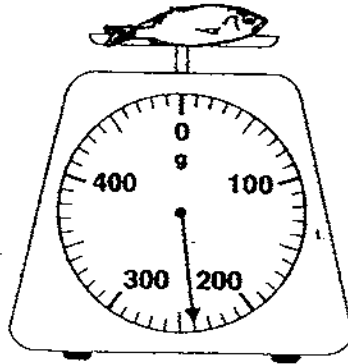63 cm,      34 cm,      60 cm,      44 cm

| | | | |
|---|---|---|---|
| | | | |

**longest**

31. Find the value of 200 cm + 222 cm.
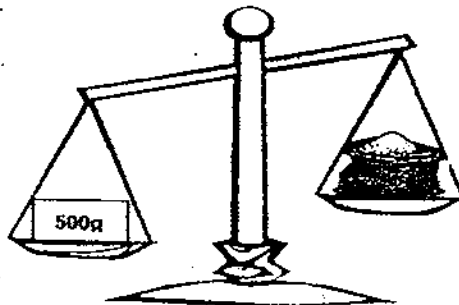
Answer: [             cm ]

32.

The mass of the fish is _____.

Answer: [             g ]

33. Fill in the blank with **'heavier than'** or **'lighter than'**.

The mass of the sack of rice is _____ 500 g.

Answer: [             ]

10

34. If stands for 10
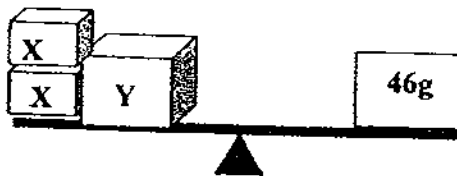
stands for 15

200 more than + + is _____.

Answer: [                    ]

35. James can exchange 10 one-dollar coins for _____ five-dollar notes.

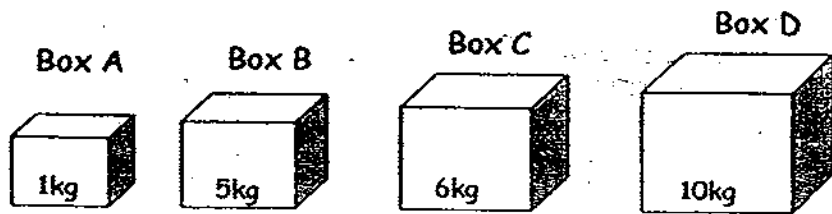Answer: [                    ]

36. Study the diagram below carefully.

What is the mass of Box Y?

Answer: [                    g]

11

37.



Box A  Box B  Box C  Box D
1kg    5kg    6kg    10kg
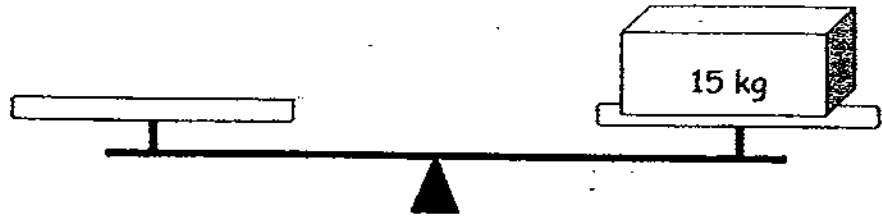
Box _____ and Box _____ will balance the scale.
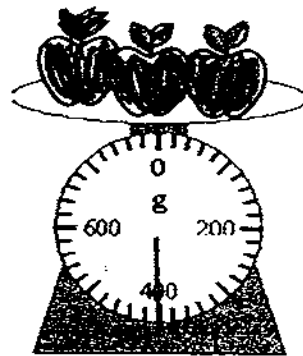
Answer : Box [     ] and [     ]

38.



a) The mass of 3 apples is _____.   Answer : [          g]

b) The mass of 6 apples is _____.   Answer : [          g]

The picture graph below shows the number of books sold by a bookshop last week.

| Monday | Tuesday | Wednesday | Thursday | Friday |
|--------|---------|-----------|----------|--------|

Each 📖 stands for 2 books.
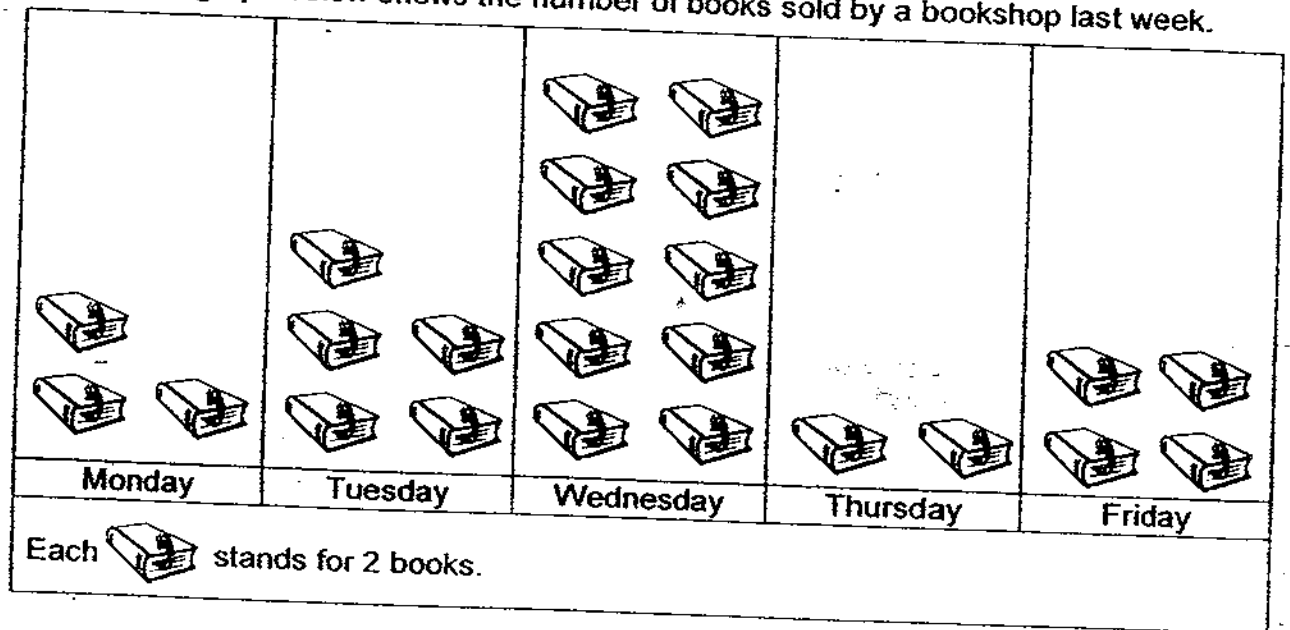
39. _____ fewer books were sold on Friday than Wednesday.

Answer: [                    ]

40. A book cost $5.

The bookshop collected _____ on Monday.

Answer: $ [                    ]

# Section C (20 marks)
Read the following questions carefully.
Show your workings clearly in the space provided.

41.   Jun Wei cut a cake into 12 equal pieces.
      He ate 3 pieces of cake and his brother ate 4 pieces of cake.
      (a)   What fraction of the cake did both boys eat?
      (b)   What fraction of the cake was left?

Working

(a) _____

(b) _____

42. Paul had 80 marbles.
   Wenwen had 16 **more** marbles than Paul.
   Freddy had 32 **fewer** marbles than Wenwen.
   (a) How many marbles did Wenwen have?
   (b) How many **more** marbles did Paul have than Freddy?

Working

(a) _____

(b) _____

43. Ann collected 51 seashells.
She lost 6 of them and put the rest equally into 5 bags.
How many seashells were there in each bag?

Working

44. A tin with 10 marbles has a mass of 220 g.
Each marble has a mass of 10 g.
   a)   What is the mass of the 10 marbles?
   b)   What is the mass of the tin?

(a) _____

(b) _____

45. The cost of one adult entry ticket to the zoo is $8 and the cost of one child entry ticket is $5.
Mr Tan, Mrs Tan and their children went to the zoo.
Mr Tan paid $31 altogether.
   a) How much did Mr Tan pay for 2 adult tickets?
   b) How many child tickets did Mr Tan buy?

Working

(a) _____

(b) _____

# = END OF PAPER =

# EXAM PAPER 2009

**SCHOOL :  ROSYTH PRIMARY**
**SUBJECT :  PRIMARY 2 MATHEMATICS**

**TERM    :  SA2**

| Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 | Q9 | Q10 |
|---|---|---|---|---|---|---|---|---|---|
| 3 | 4 | 1 | 3 | 4 | 4 | 2 | 1 | 2 | 3 |

11)385    12)260    13)270    14)531    15)3    16)8    17)7    18)42

19) ¼ , 1/8, 1/10    20)1/7    21)24    22)30    23)8    24)24L    25)7

26)A , C    27)



28)2p.m.    29)7p.m.

30)63cm,62cm,44cm,34cm    31)422cm    32)240g    33)lighter than

34)235    35)2    36)26g    37)Box D and B    38)a)400g  b)800g

39)12   40)$30

41)a)4/12+3/12=7/12
Both boys ate 7/12 of the cake.
   b)12/12 - 7/12 =5/12
5/12 of the cake was left.

42)a)80+16=96(w)
Wenwen had 96 marbles.
   b)80-64=16
Paul had 16 more marbles than Freddy.

43)51-6=45
   45÷5=9
There were 9 seashells in each bag.

44)a)10x10=100
The mass of the 10 marbles is 100g
   b)220-100=120
The mass of the tin is 120g.

45)a)8x2=16
Mr Tan paid $16 for 2 adult tickets
   b)31-16=15
   15÷5=3
Mr Tan bought 3 children tickets.