



Temasek Primary School
Semestral Assessment 1
Primary Three
2015

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MATHEMATICS
BOOKLET A

Name : _____ ()

Class : Primary 3 _____

Date : 14 May 2015

Parent's Signature: _____

Total Time for Booklets A & B: 1 h 45 min

Instructions to Candidates:

1. Write your name, class and register number in the spaces provided clearly.
2. Do not turn over this page until you are told to do so.
3. Follow all instructions carefully.
4. Answer all questions.
5. Shade your answers in the Optical Answer Sheet (OAS) provided.
6. You are **NOT** allowed to use a calculator.

Questions 1 to 20 carry 2 marks each. For each question, 4 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. You are not allowed to use a calculator.

(40 marks)

1. In the number 8 001, what is the value of the digit 8?

- (1) 8
- (2) 80
- (3) 800
- (4) 8 000

2. $7\,452 = 7\,000 + \boxed{} + 50 + 2$

- (1) 4 000
- (2) 400
- (3) 40
- (4) 4

3. The sum of 3 347 and 2 795 is _____.

- (1) 5 032
- (2) 6 042
- (3) 6 132
- (4) 6 142

4. A fruit seller had 2 950 fruits. 355 of the fruits were rotten. How many fruits were not rotten?

- (1) 2 595
- (2) 2 605
- (3) 2 695
- (4) 3 305

5. $\times 6 = 48$

- (1) 6
- (2) 7
- (3) 8
- (4) 9

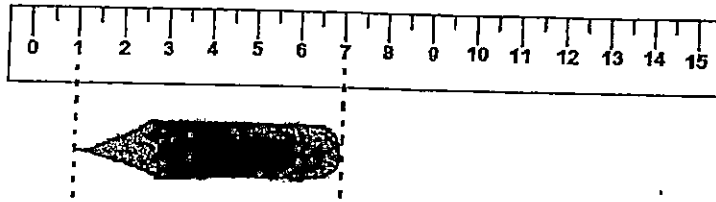
6. Multiply 98 by 7. The answer is _____.

- (1) 636
- (2) 672
- (3) 668
- (4) 686

7. $832 \div 4 =$ _____

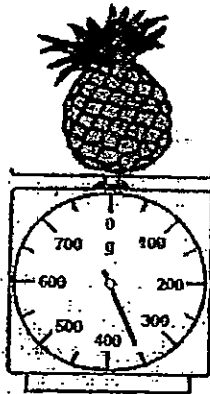
- (1) 28
- (2) 208
- (3) 828
- (4) 836

8. Look at the diagram below carefully.



The pencil is _____ cm long.

- (1) 1
 - (2) 6
 - (3) 7
 - (4) 8
9. The mass of the pineapple is _____ g.



- (1) 301
- (2) 310
- (3) 350
- (4) 400

10. Mr Chan saved \$2 050. He saved \$320 less than his wife. How much did Mr and Mrs Chan save altogether?

- (1) \$1 730
- (2) \$2 370
- (3) \$3 780
- (4) \$4 420

11. Find the product of 470 and 8. In the answer, which digit is in the hundreds place?

- (1) 7
- (2) 6
- (3) 3
- (4) 0

12. What is the missing value in the box?

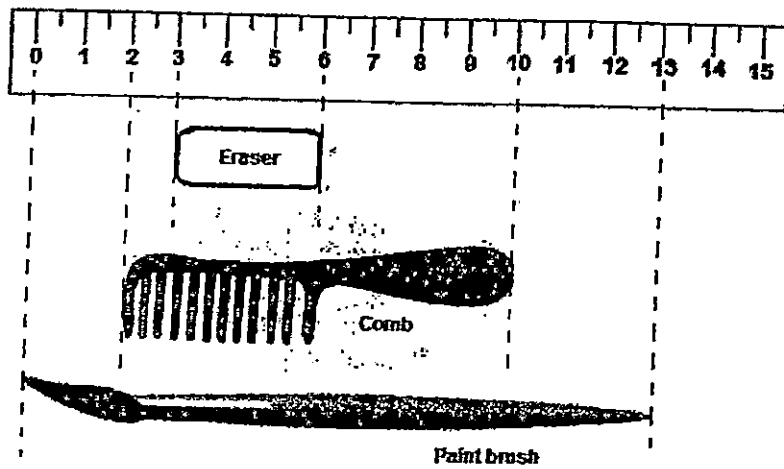
$$\begin{array}{r} 5 \square 45 \\ + 3789 \\ \hline 9034 \end{array}$$

- (1) 1
- (2) 2
- (3) 3
- (4) 7

13. $10 \times 7 = 100 - \square$

- (1) 30
- (2) 70
- (3) 93
- (4) 170

14. Look at the diagram below carefully.



The paint brush is _____ cm longer than the eraser.

- (1) 5
- (2) 10
- (3) 13
- (4) 16

15. Look at the clock shown below carefully.



The time on the clock face is ten minutes fast.

What should the correct time be?

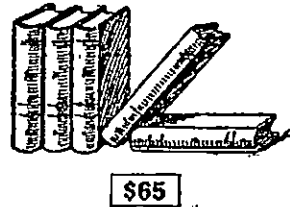
- (1) 7.45
 - (2) 8.15
 - (3) 8.35
 - (4) 8.45
16. Daniel earns \$1 784 a month. If he spends \$1 250 and saves the rest every month, how much money will he save in half a year?
- (1) \$534
 - (2) \$1 068
 - (3) \$3 004
 - (4) \$3 204

17. Mr Quek had 68 sweets. He kept some sweets and distributed the rest equally to 9 children. If each child received 6 sweets, how many sweets did he keep?

- (1) 14
- (2) 53
- (3) 54
- (4) 59

18. Bobby paid \$65 for 5 identical books. How much did he pay for 9 such books?

- (1) \$13
- (2) \$74
- (3) \$117
- (4) \$585

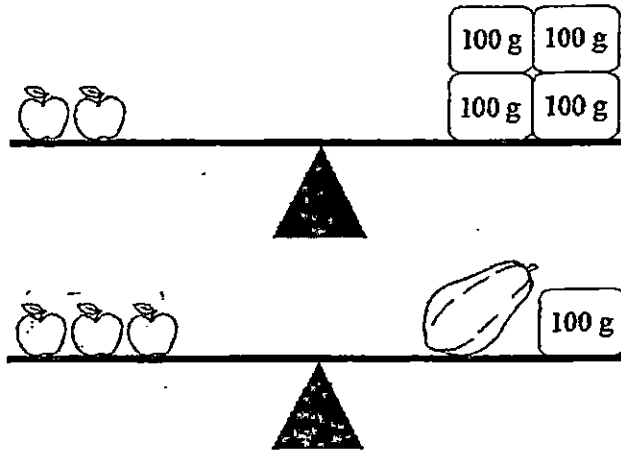


19. Venice is thinking of a number. She adds 189 to the number. Then, she subtracts 2 015 from the sum, she gets an answer of 1 454. What is the number?



- (1) 750
- (2) 3 280
- (3) 3 380
- (4) 3 658

20. Study the diagram below carefully:



What is the mass of the papaya?

- (1) 400g
- (2) 500g
- (3) 600g
- (4) 700g

----- End of Booklet A -----



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MATHEMATICS
BOOKLET B

Name : _____ ()

Class : Primary 3 _____

Date : 14 May 2015

Parent's Signature: _____

Total Time for Booklets A & B: 1 h 45 min

Instructions to Candidates:

1. Write your name, class and register number in the spaces provided clearly.
2. Do not turn over this page until you are told to do so.
3. Follow all instructions carefully.
4. Answer all questions.
5. Write your answers in this booklet.
6. You are **NOT** allowed to use a calculator.

| Paper | Marks | Scores |
|-----------|-------|--------|
| Section A | 40 | |
| Section B | 40 | |
| Section C | 20 | |
| Total | 100 | |

Questions 21 to 40 carry 2 marks each. Show your working clearly in the space provided for each question and write your answer in the spaces provided. For questions which require units, give your answers in the units stated. You are not allowed to use a calculator.

(40 marks)

21. Write 4 793 in words.

Ans: _____

22. Arrange the following numbers from the greatest to the smallest.

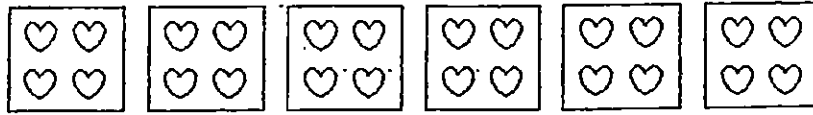
4 011 , 4 110 , 4 101 , 1 410

Ans: _____ , _____ , _____ , _____
Greatest Smallest

23. Find the difference between 3 176 and 8 052.

Ans: _____

24. Study the pictures below carefully. Write a multiplication sentence.



$$\square \times \bigcirc = \square$$

25. Form the smallest 4-digit even number using all the digits in the box below.
Each digit can only be used once.

5 , 1 , 0 , 2

Ans: _____


26. What is the remainder when 813 is divided by 5?

Ans: _____

27. In a class of 20 boys, 3 out of 5 boys wear watches. How many boys in class do not wear watches?

Ans: _____

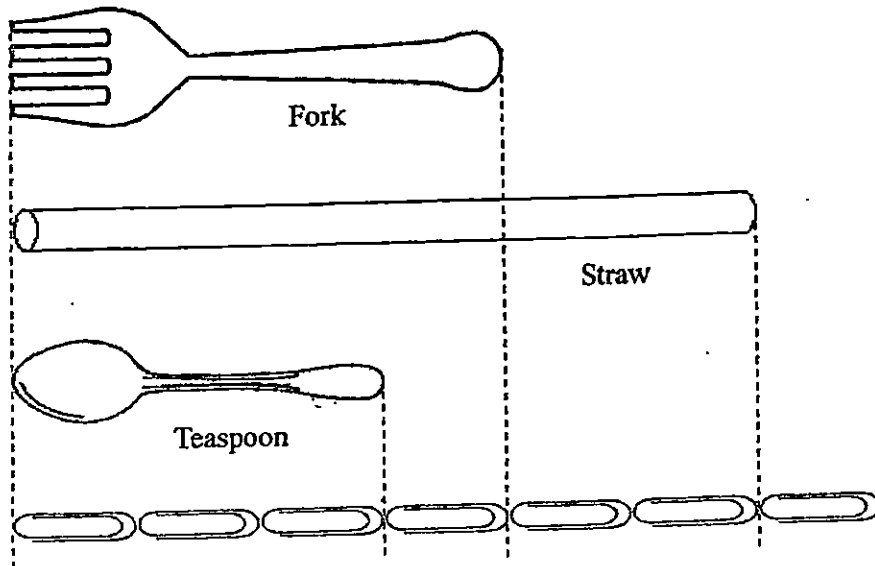
28. This list below shows the number of ice-cream cones sold at Jolly Cool Restaurant over 3 days.

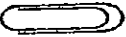
| <u>Number of Ice-cream cones sold:</u> | | |
|--|----|---|
| Friday | -- | 398 |
| Saturday | -- |  |
| Sunday | -- | 1 257 |
| | | <hr/> |
| | | 2 500 |

An ink spill covered the number for ice-cream cones sold on Saturday.
How many ice-cream cones were sold on Saturday?

Ans: _____

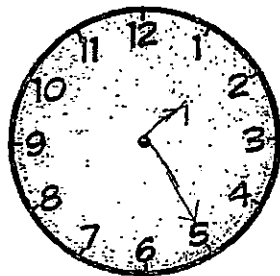
29. Study the 3 objects carefully.



The teaspoon is _____  shorter than the straw.

Ans: _____

30. Alan is meeting David at 25 minutes past 1 o'clock.
Draw the hour and minute hands to show the meeting time in the clock face shown below.

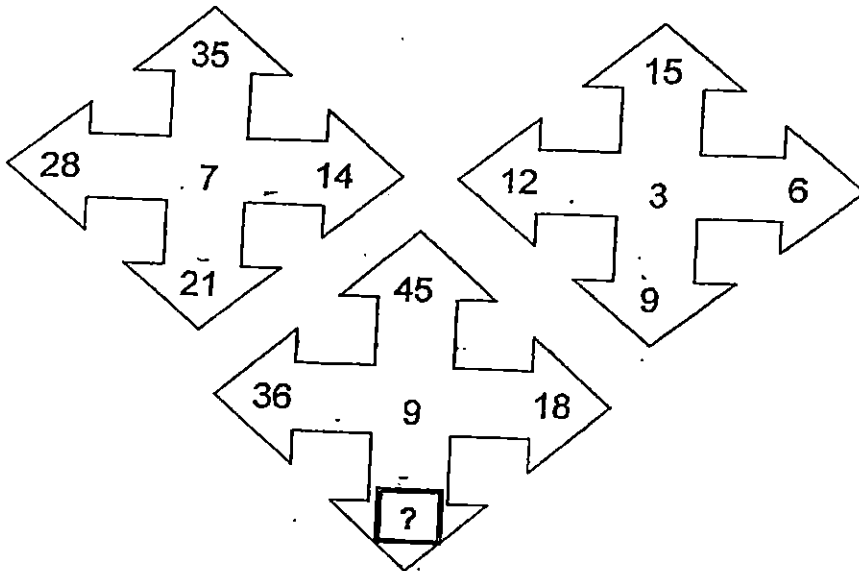


31. $66 + 6 = \boxed{} \times 9$

What is the missing number in the box?

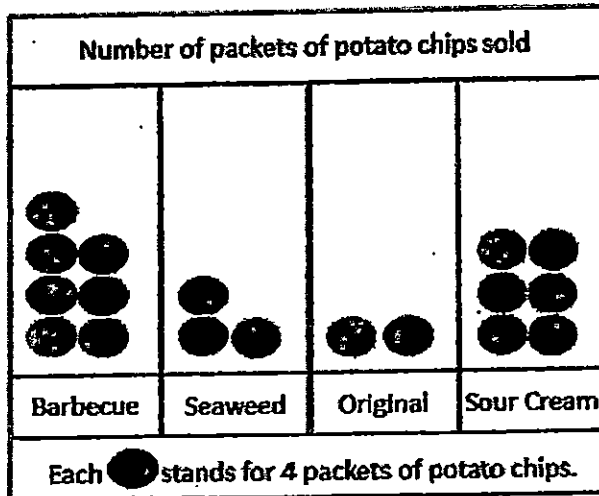
Ans: _____

32. Study the pattern below carefully. What is the missing number?



Ans: _____

The picture graph below shows the different flavours of potato chips sold at a provision shop in a day. Use it to answer Questions 33 and 34.



33. How many packets of potato chips were sold on this day altogether?

Ans: _____

34. How many more packets of barbecue flavoured potato chips were sold than the seaweed flavour?

Ans: _____

35. Meiling is 8 years old. Her father is four times as old as her. Her brother is 15 years old. What is their total age?

Ans: _____ years

36. Ali wrote a 4-digit number on a piece of paper. Use the clues given in the box below to find out the number he wrote. What is the number?

The total value of all the digits in the number is 18.

The digit in the ones place is the smallest 1-digit odd number.

The digit in the tens place is 2 more than the digit in the ones place.

The digit in the thousands place is the greatest 1-digit number.

Ans: _____

37. If $8 \times \square = 56$

and $\star \times \star = 25,$

find the value of the sum of \square and \star

Ans: _____

38. In a school hall, there are 240 boys. If the number of boys is three times the number of girls, how many children are there altogether?

Ans: _____

39. The sum of two numbers is 500. Their difference is 188. What is the value of the smaller number?

Ans: _____

40. Study the diagrams below carefully.

The mass of a banana and a basket is 140 g.

The mass of 2 bananas and a basket is 220 g.

What is the mass of the empty basket?



Ans: _____ g

For questions 41 to 46, show your working clearly in the space provided for each question and write your answers in the spaces provided. For questions that require units, give your answers in the units stated. The number of marks available is shown in brackets [] at the end of each question or part-question.

(20 marks)

41. Mrs Lim has a total of 200 pens and pencils.
- (a) If she has 69 pens, how many pencils does she have?
- (b) How many more pencils than pens does she have?

Ans: (a) _____ [2 marks]

_____ (b) _____ [1 mark]

42. 488 pupils from Orchid Primary School attended the National Day Parade.
The number of pupils who attended the National Day Parade from Hibiscus Primary School was half that of Orchid Primary School.

Ans: (a) _____ [2 marks]

(b) _____ [1 marks]

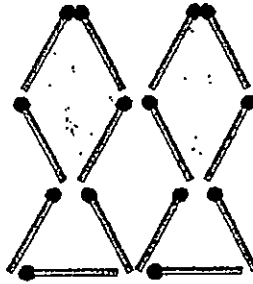
43. Mr Ravi had a total of 16 chickens and cows in a farm altogether. There were 60 legs in all. How many cows did he have? :

Ans: _____ [3marks]

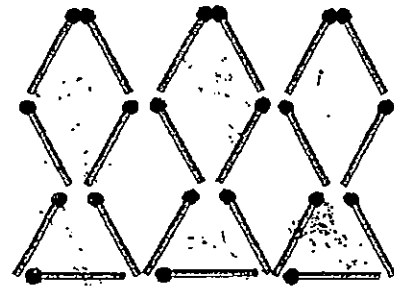
44. The pattern below is made up of matchsticks of equal length.



Pattern 1



Pattern 2



Pattern 3

| Pattern Number | Number of matchsticks |
|----------------|-----------------------|
| 1 | 7 |
| 2 | 14 |
| 3 | 21 |
| 4 | (a) _____ [1 mark] |

(a) Find the number of matchsticks needed to form Pattern 4.

(b) If a total number of 483 matchsticks are used to form a new pattern, which pattern is it?

Ans: (b) _____ [2 marks]

45. Mr Lim had some money. He spent \$1 499 on a sofa. Then, he wanted to buy a television set that cost \$1 000 more than the sofa. However, he did not have enough money and needed another \$398 to buy the television set.
- (a) Find the cost of the television set.
- (b) How much money did Mr Lim have at first?

Ans: (a) _____ [1 mark]

(b) _____ [3 marks]

46. Tom, Rina and Siti collected a total of 576 marbles altogether. Tom has thrice as many marbles as Rina. Rina has twice as many marbles as Siti. How many marbles did Rina collect?

(Draw model. One mark will be awarded for the correct model drawn.)

Ans: _____ [4 marks]

----- End of Booklet B -----



EXAM PAPER 2015

LEVEL : PRIMARY 3

SCHOOL : TEMASEK PRIMARY SCHOOL

SUBJECT : MATHEMATICS

TERM : SA1

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

Q21. Four thousand, seven hundred and ninety - three

Q22. 4110 (greatest), 4101, 4011, 1410 (smallest)

Q23. 4876

Q24. $4 \times 6 = 24$

Q25. 1052

Q26. 3

Q27. 8

| | | | | |
|-----------------|---|----|----|----|
| Wear watches | 3 | 6 | 9 | 12 |
| Do wear watches | 2 | 4 | 6 | 8 |
| Total | 5 | 10 | 15 | 20 |

Q28. $845 \rightarrow 257 + 398 = 1655, 2500 - 1655 = 845$

Q29. 3

Q30. SEE PICTURE - NEXT PAGE

Q31. 8

Q32. 27 Q33. $72 \rightarrow 28 + 24 + 12 + 8 = 72$

Q34. $16 \rightarrow 28 - 12 = 16$

Q35. 55 years

Q36. 9531

Q37. 12

Q38. $320 \rightarrow 1u \rightarrow 240 \div 3 = 80, 4 \text{ units} \rightarrow 80 + 240 = 320$

Q39. 156

Q40. $60 \rightarrow 140 + 140 = 280, 280 - 220 = 60$

Q41a. 131 No. of pencils altogether = $200 - 69 = 131$

Q41b. 62 No. of pencils more than pens = $131 - 69 = 62$

Q42a. 732 pupils $\rightarrow 244 + 488 = 732$

Q42b. 122 pupils $\rightarrow 732 \div 8 = 122$

Q43. 14

| No. of chickens | No. of chicken's legs (x2) | No. of cows | No. of cow's legs (x4) | Total |
|-----------------|----------------------------|-------------|------------------------|----------------|
| 18 | 15 | 8 | 32 | $16 + 32 = 48$ |
| 5 | 10 | 11 | 44 | $10 + 44 = 54$ |
| 4 | 8 | 12 | 48 | $8 + 48 = 56$ |
| 3 | 6 | 13 | 52 | $52 + 6 = 58$ |
| 2 | 4 | 14 | 56 | $4 + 56 = 60$ |

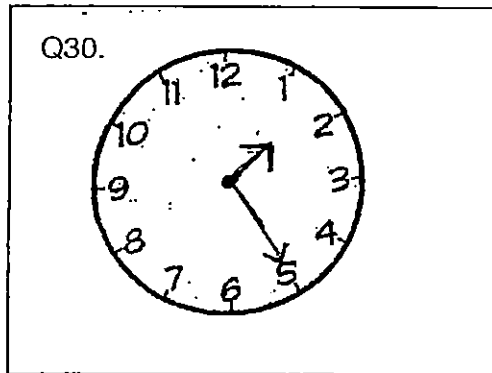
Q44a. 28 Q44b. pattern 69 → $483 \div 7 = 69$

Q45a. \$2499, → cost of television set = $1499 + 1000 = 2499$

Q45b. 3600 → $2499 - 398 = 2101$, $2101 + 1499 = 3600$

Q46. 128

9u → 576, 1u = 57, $6 \div 9 = 64$, $2u = 64 \times 2 = 128$



THE END