NANYANG PRIMARY SCHOOL

SECOND SEMESTRAL EXAMINATION 2012

PRIMARY 3

MATHEMATICS

DURATION: 1 HOUR 45 MINUTES

Section A	/ 40
Section B	/ 40
Section C	/ 20

Total:	/ 100

Name: _____ ( )

Class: Primary 3 ( )

Date: _____

Parent's Signature: _____

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

FOLLOW ALL INSTRUCTIONS CAREFULLY.

ANSWER ALL QUESTIONS.

Section A

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 oval (1, 2, 3 or 4) on the Optical Answer Sheet.

(Total: 40 marks)

1. Which one of the following is the same as 9845?

   (1) 9000 + 80 + 400 + 5
   (2) Ninety-eight hundred and forty-five
   (3) Nine thousands, eight hundreds and fifty-four
   (4) 9 tens + 5 ones + 4 hundreds + 8 thousands

2. Subtract 199 from 8213.

   (1) 8014 (2) 8032
   (3) 8403 (4) 8412

3. Find the product of 101 and 9.

   (1) 999 (2) 909
   (3) 99 (4) 92

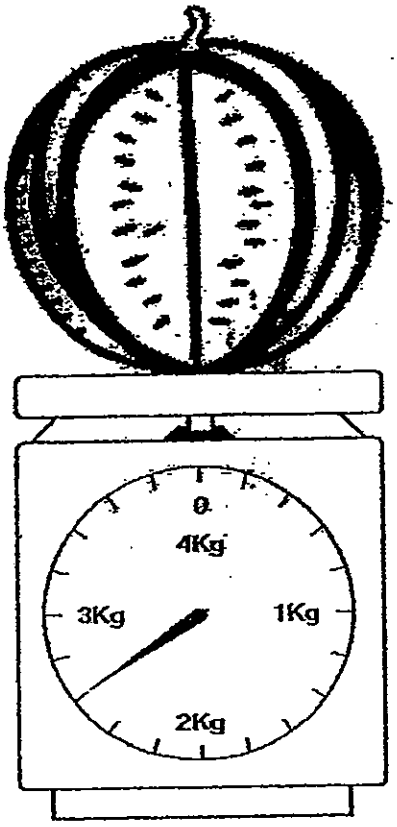
4. Find the value of 726 ÷ 6.

   (1) 732 (2) 720
   (3) 121 (4) 120

5. Subtract $2.60 from $14.55.

   (1) $11.95 (2) $12.55
   (3) $12.95 (4) $17.15

6. What is the mass of the watermelon?



(1) 2 kg 250 g
(2) 2 kg 300 g
(3) 2 kg 600 g
(4) 2 kg 800 g

7. Express 5 kg 90 g in grams.

(1) 590 g
(2) 5009 g
(3) 5090 g
(4) 5900 g

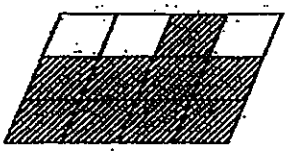
75.

8. Which one of the following is not an equivalent fraction of $\frac{4}{6}$?

(1) $\frac{2}{3}$ (2) $\frac{6}{8}$

(3) $\frac{6}{9}$ (4) $\frac{8}{12}$

9. What fraction of the figure is shaded?
Leave your answer in its simplest form.



(1) $\frac{3}{9}$ (2) $\frac{1}{4}$

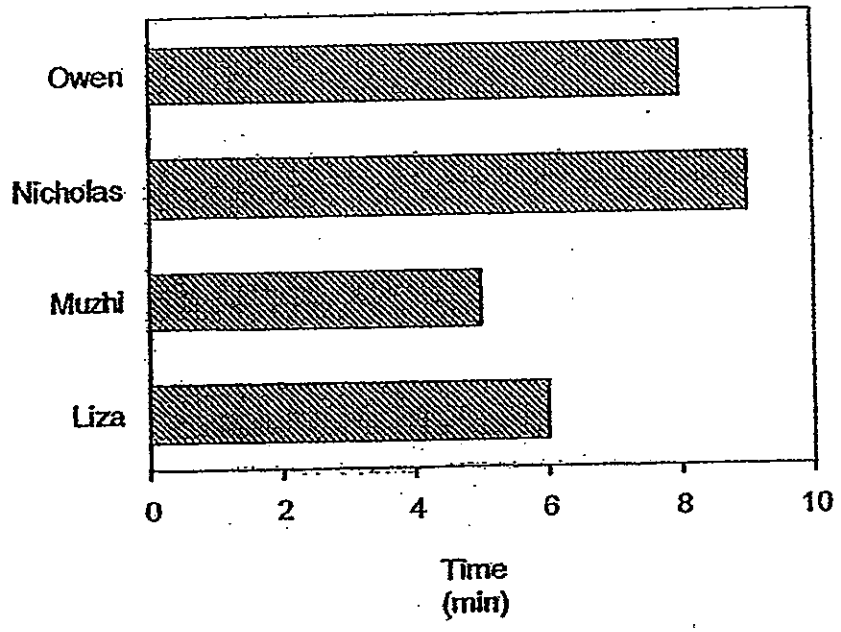
(3) $\frac{3}{4}$ (4) $\frac{9}{12}$

10. Find the value of $\frac{1}{4} + \frac{2}{3}$.

(1) $\frac{3}{12}$ (2) $\frac{3}{7}$

(3) $\frac{5}{7}$ (4) $\frac{11}{12}$

11. The graph below shows the time taken for 4 pupils to finish a race.



Who was the first to finish the race?

(1) Liza
(2) Muzhi
(3) Nicholas
(4) Owen

12. **Mary baked 147 cookies a day**
She baked the same number of cookies each day for a week.
How many cookies did she bake in a week?

(1) 21
(2) 735
(3) 1029
(4) 1218

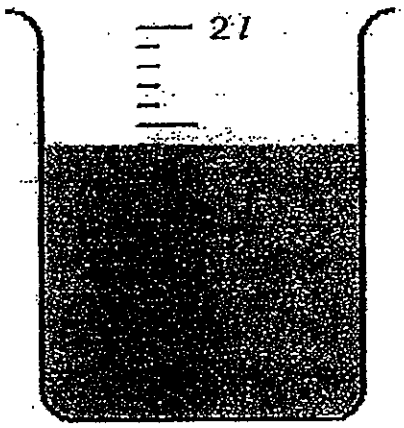
13. **Samuel had 504 marbles.**
He wanted to give the same number of marbles to each of his 8 friends.
How many marbles did he give to each friend?

(1) 56
(2) 60
(3) 63
(4) 126

14. Anika ran 2005m in the morning.
She ran 490 m more in the evening than in the morning.
What was the total distance she ran on that day?

(1) 695 m
(2) 900 m
(3) 2495 m
(4) 4500 m

15. What is the volume of water in the beaker?



(1) 140 ml
(2) 180 ml
(3) 1400 ml
(4) 1800 ml

16. Hashim slept at 1.34 p.m. and woke up at 6.32 a.m. the next morning.
How long did he sleep?

(1) 402 min
(2) 478 min
(3) 482 min
(4) 758 min

17. Xavier left his home at 11.27 a.m. to watch a show at a cinema.
He took 1 h 20 min to reach the cinema and was 12 minutes late for the show.
What time did the show start?

(1) 12.35 a.m.
(2) 12.35 p.m.
(3) 12.47 p.m.
(4) 12.59 p.m.

18. Bala washed 7 cars per day
He was paid $8 for washing each car.
How much would he have earned at the end of 10 days?

(1) $56
(2) $70
(3) $80
(4) $560

19. Siti has a twenty-dollar note and 3 ten-dollar notes.
She went to a shopping mall and purchased a pair of shoes.
The table below shows the price of the items on sale.

Items on Sale in XYZ Shopping Mall

Items	Price for each item
A handbag	$20
A pair of shoes	$30
A purse	$10
A hat	$5

How much would she have left after buying the pair of shoes?

(1) $5
(2) $20
(3) $25
(4) $30

20. The capacity of one cup and two bottles is 790 ml.
The capacity of two cups and one bottle is 620 ml.
What is the capacity of one cup and one bottle?

(1) 370
(2) 320
(3) 470
(4) 1410

Section B

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. Marks will be awarded for relevant working.

(Total: 40 marks)

21. In 7856 which digit is in the thousands place?

Answer : _____

22. Arrange the following numbers in order. Begin with the smallest.

2919, 2019, 2099

_____, _____, _____

23. Write $37.85 in cents only.

Answer : _____¢

24. Weilun had $34.50 in his wallet at first.
His mother gave him a dollar.
His grandmother gave him a fifty-cent coin.
How much money did Weilun have in the end?

Answer : $_____

25. Komala bought 389 sweets.
The shopkeeper gave her 22 more swets.
How many sweets did Komala have altogether?

Answer : _____

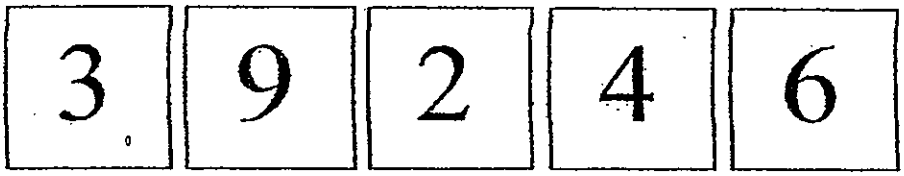
26. Ahmad played a game where he would score 6 points for every hit that he made.
He made 321 hits in all.
How many points did he score in the game?

Answer : _____

27. Mr Tan had 200 erasers.
He wanted to give them equally to his 9 children.
How many erasers would he have left?

Answer : _____

28. Use the following digits to make the greatest 4 digit even number.



Answer : _____

29. Tailor Goh had 10 m of cloth.
He used 5 m of 60 cm of it to make a dress and 105 cm of it to make some ribbons.
How much cloth did Tailor Goh have left in the end?
Give your answer in cm.

Answer : _____ cm

30. A pot contains 415 ml of water.
When another 1036 ml of water is poured into the pot, 128 ml of water overflows.
What is the capacity of pot?

Answer : _____ ml

31. What is the missing number in the box?

$$\frac{3}{9} = \frac{\boxed{?}}{12}$$

Answer : _____

32. Arrange the fractions in descending order.

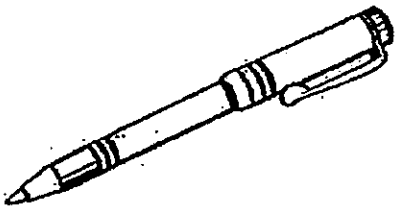
$$\frac{4}{5}, \frac{3}{10}, \frac{8}{9}$$

_____, _____, _____

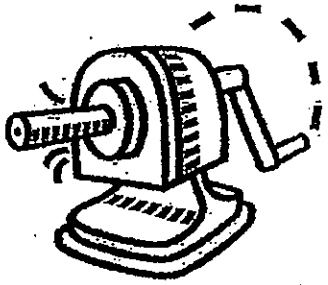
33. Pauline gave $\frac{1}{5}$ of her money to her brother and spent $\frac{3}{10}$ of her money on a book.
She saved the rest of her money
What fraction of her money did Pauline save?
Express your answer in its simplest form.

Answer : _____

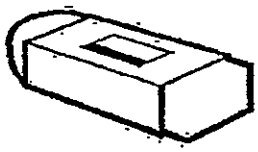
34. Calvin spent $6.70 on two different items at the bookshop.
What were the two items bought?



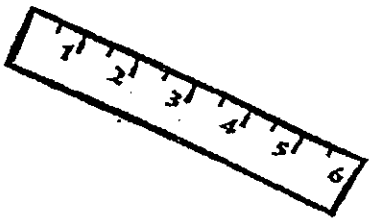
Pen
$4.90



Sharpener
$3.90



Eraser
$3.80



Ruler
$2.80

Answer : _____

35. Camille made 300 paper cranes on Monday.
She made 68 fewer paper cranes on Tuesday than on Monday.
She made 12 fewer paper cranes on Wednesday than Tuesday.
How many paper cranes did she make on Wednesday?

Answer : _____

36. Mrs Smith was asked to sew buttons on 10 blouses.
She needed to sew 7 buttons for each blouse.
She could only sew 6 buttons each day.
How many days did she need to finish sewing the buttons on all the 10 blouses?

Answer : _____

37. Mr Png sold a hat for $24.50
He gave a special price of $40 for 2 hats.
Edward bought 7 hats and received a change of $34.50
How much money did Edward give Mr Png?

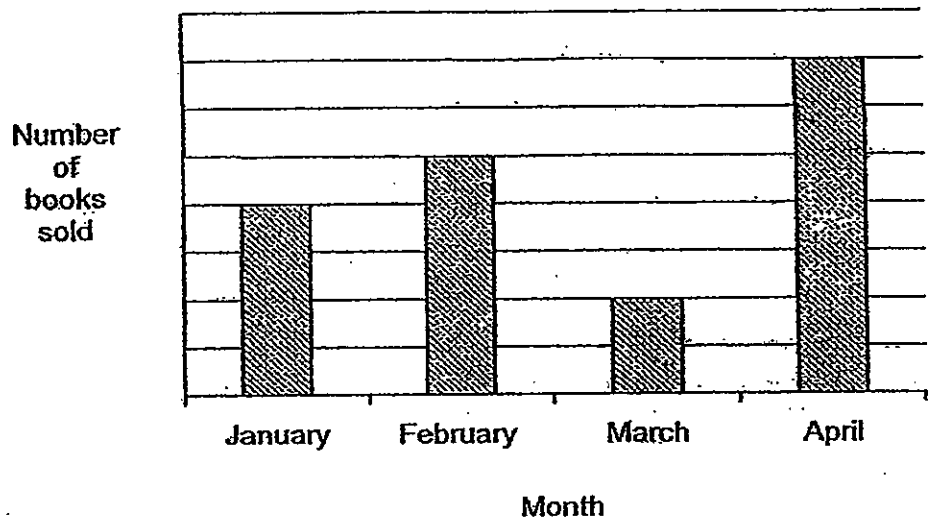
Answer : $_____

38. In a certain year, 22nd December fell on a Thursday.
Which day of the week did 6th December fall on in the same year?

Answer : _____

8V.

39. The bar graph below shows the number of books sold by Bing Hui in 4 months.
Given that the difference in the number of books sold in February and March is 12, find the number of boks that he sold in April.



Answer : _____

40. All the Primary 3 pupils at Chong Ming Primary School subscribe to at least one magazine.
165 pupils subscribe to Discovery Chest and 207 subscribe to Minus Adventure.
49 pupils subscribe to both magazines.
How many Primary 3 pupils are there at Chong Ming Primary School?

Answer : _____

Section C

Questions 41 to 45 carry 4 marks each. Do these word problems carefully. Show your working clearly in the space provided below each question. Marks will be awarded for correct sentence statement written.

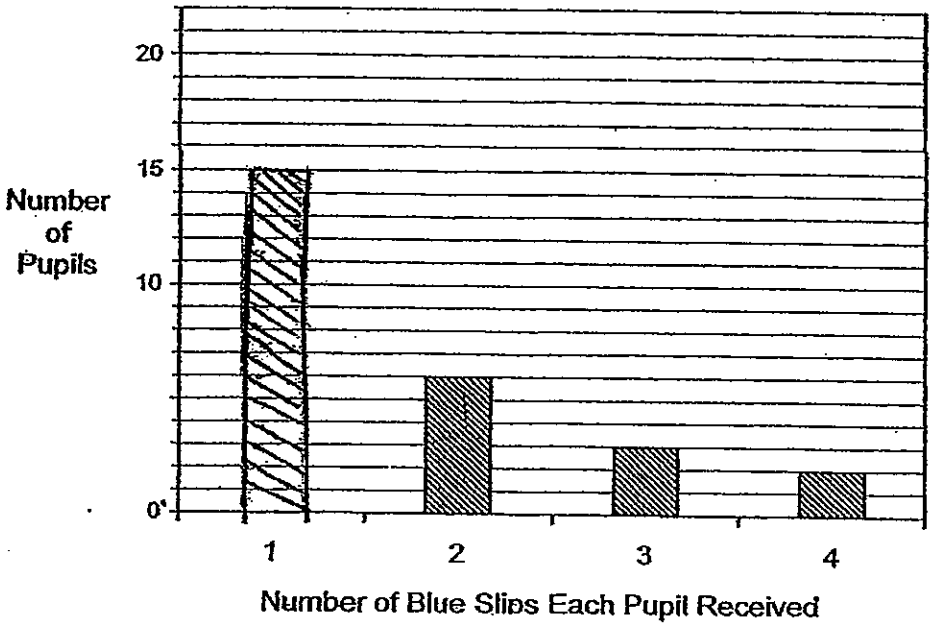
(Total: 20 marks)

41. At Everwood Community Library, there are 1267 English books, 809 Chinese books and 23 Malay books.
How many books are there in Everwood Community Library?

42. Ian cycled from 1.25 p.m. to 4.30 p.m.
He cycled 25 minutes ore than Julian.
Kate cycled 50 minutes fewer than Julian.
How long did Kate cycle?

87.

43. The graph below shows the number of blue slips given by Mrs Mani to her pupils in a week.



(a) How many pupils received more than 2 blue slips?

(b) Mrs Mani gave a total of 44 blue slips that week to her pupils. Complete the graph to show the number of pupils who received 1 blue slip from her.

44. Mdm Curie used 7 pieces of blue cloth and 5 pieces of yellow cloth to make a quilt.
If she made 7 quilts. how many pieces of cloth did she use in total?

45. There were a total of 293 pears in three boxes.
When 30 pears were moved from Box A to Box B, and 22 pears were moved from Box B and Box C, there were twice as many pears in Box A as Box B and 18 more pears in Box C than Box A.
How many pears were there in Box B at first?

☺ *End of Paper* ☺
Please Check Carefully

Answer Ke

EXAM PAPER 2012
SCHOOL : NANYANG PRIMARY SCHOOL
SUBJECT : PRIMARY 3 - MATHEMATICS
TERM : SA 2

SECTION A

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

Q17	Q18	Q19	Q20
2	4	2	3

SECTION B

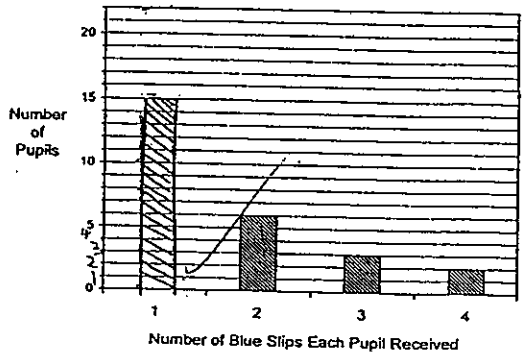
21. 7
22. 2019, 2099, 2919
23. 3785 □
24. $36.00
25. 411
26. 1926
27. 2
28. 9642
29. 335 cm
30. 1323 ml
31. 4
32. 8/9, 4/5, 3/10
33. ½
34. Sharpener, ruler
35. 220
36. 12
37. $180
38. Tuesday
39. 28
40. 323

91.

SECTION C

41. 1267 + 809 = 2076
    2076 + 233 = 2309
    There are 2309 books in Everwood Community Library.
42. 3h 5 min – 25 min = 2h 40 min
    2h 40 min – 50 min = 1h 50 min
    Kate cycled 1h 50min long.

43.



a) 5 pupils received.

b) 44 – 8 = 36
   36 – 9 = 27
   27 – 12 = 15

44. a) 7 + 5 = 12
    12 x 7 = 84
    She used 84 pieces of cloth.

45. 293 – 18 = 275
    275 ÷ 5 = 55
    55 + 22 = 77
    77 – 30 = 47
    Box B had 47 pears at first.