RAFFLES GIRLS' PRIMARY SCHOOL

SEMESTRAL ASSESSMENT 1 2014

Name : _____ (   ) Class: P3 (·)

Your Score Out of **100** marks	
Parent's Signature	

8 MAY 2014   MATHEMATICS   Duration: 1 h 45 min

SECTION A (40 marks)

Question 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 your answer (1, 2, 3 or 4) on the OAS provided.

1. In 2718, what does the digit 7 stand for?

    (1)   7
    (2)   70
    (3)   700
    (4)   7000

2. Write six thousand, three hundred and four in numerals.

    (1)   6034
    (2)   6304
    (3)   6340
    (4)   6403

3. Find the sum of 1098 and 5322.

    (1)   6320
    (2)   6310
    (3)   6420
    (4)   7410

4. $4156 +$ ☐ $= 5800$

    (1)   1644

    (2)   1756

    (3)   9653

    (4)   9956
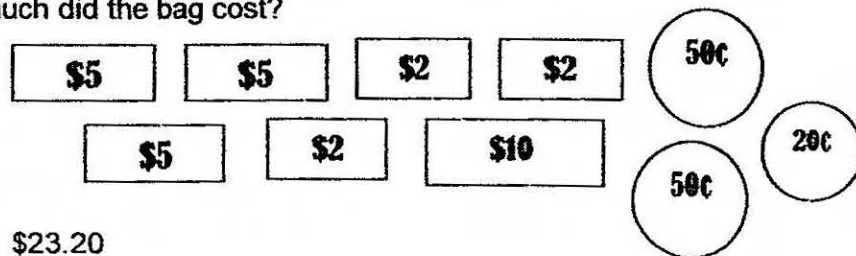
5. What is the product of 737 and 9?

    (1)   6633

    (2)   6573

    (3)   6373
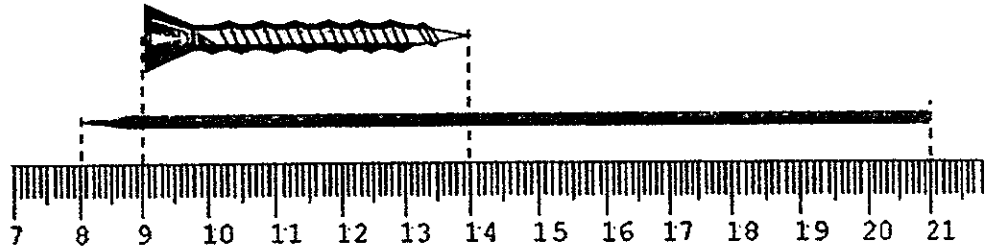
    (4)   5724

6. Divide 703 by 7. What is the quotient?

    (1)   1

    (2)   10

    (3)   3

    (4)   100

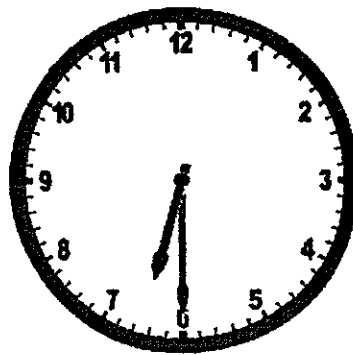7. Benson used all the money below to pay for a bag.
How much did the bag cost?

| $5 | $5 | $2 | $2 | 50¢ |
| $5 | $2 | $10 | 50¢ | 20¢ |

    (1) $23.20

    (2) $30.20

    (3) $31.00

    (4) $32.20

8. How much shorter is the screw than the pencil?

(1)   5 cm

(2)   8 cm

(3)   13 cm

(4)   18 cm

9. Nancy started jogging at 5.30 p.m. She stopped jogging at the time shown below. How long did she jog?

(1)   60 min

(2)   30 min

(3)   3 min

(4)   6 min

10.　What is the missing number in the number pattern below?

2750, 2950, 2850, [　　　], 2950, 3150, 3050

(1)　2750
(2)　2850
(3)　2950
(4)　3050

11.　Li Seng sold 2682 bottles of mineral water in January, 1599 bottles in February and 3866 bottles in March.
How many bottles of mineral water were sold altogether?

(1)　4281
(2)　6548
(3)　6937
(4)　8147

12.　Book A has 8670 words. Book B has 580 words.
What is the difference in the number of words between Book A and Book B?

(1)　8090
(2)　8150
(3)　8250
(4)　9250

13   4+ 4+ 4+ 4+ 4+ 4 = [＿＿＿＿＿] ÷ 3

    (1)   12

    (2)   24

    (3)   27

    (4)   72

14.   A machine takes 3 minutes to print 60 pages. At this rate, how many pages can it print in 24 minutes?

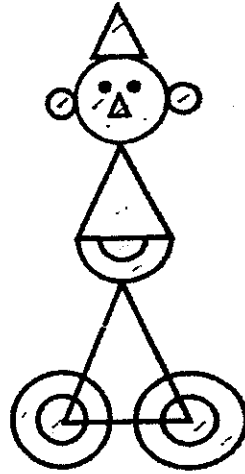   (1)   480

    (2)   180

    (3)   72

    (4)   20

15.   Sarah has $115. May has $47.50 more than Sarah.
How much do they have altogether?

    (1) $67.50

    (2) $162.50

    (3) $182.50

    (4) $277.50

16.   5 buns cost $2.50. Bala bought 15 buns.
He gave the cashier $50.
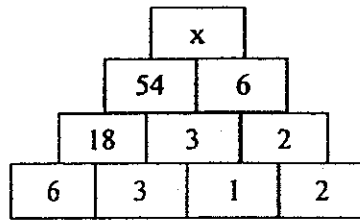How much change did he receive?

    (1) $22.50

    (2) $37.50

    (3) $42.50

    (4) $47.50

17. The figure below is formed using different shapes.
Which option shows the correct number of shapes needed to form the figure?
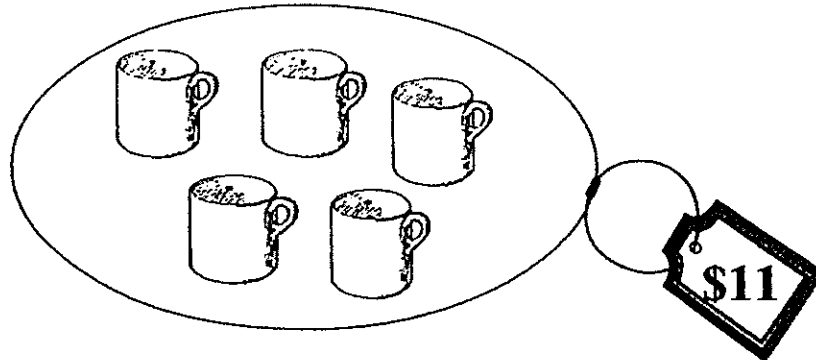

(1)   4 circles, 2 triangles and 1 semi-circle.

(2)   6 circles , 4 triangles and 1 semi-circle

(3)   9 circles, 4 triangles and 2 semi-circles

(4)   10 circles, 2 triangles and 2 semi-circles

18.   Subtract 20 tens 9 ones from 20 hundreds 8 ones.

(1)   1
(2)   57
(3)   1799
(4)   2217

19. Look at the diagram below. Find the value of x.

		x		
	54	6		
	18	3	2	
6	3	1	2	

(1) 14

(2) 35

(3) 304

(4) 324

20.) Sally bought 1 kettle and 5 cups. The kettle cost 6 times as much as 5 cups. How much change would she receive if she paid the cashier with a hundred-dollar note?

$11

(1) $23.00

(2) $33.00

(3) $70.00

(4) $77.00

SECTION B (40 marks)

Question 21 to 40 carry 2 marks each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated. All diagrams are not drawn to scale. Marks will be awarded for relevant working.

21.   Write 9012 in words.

_____

_____

22.   7214 - 5908 = _____

Ans: _____

23.   789 is _____ less than 987.

Ans: _____

24.   Multiply 980 by 3.
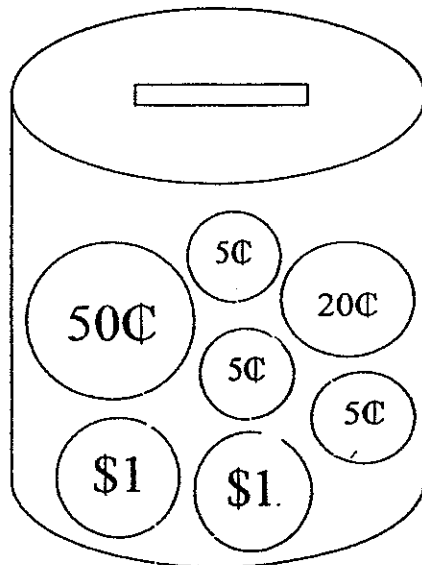
Ans: _____

25.   856 ÷ 8 = _____

Ans: _____

26.   How much money is in the piggybank below?

Ans: $_____

27.   A rope is 105 metres long. It is 50 metres longer than a wire.
        How long is the wire?

Ans: _____ m

28.   Use the digits below to form the greatest 4-digit even number.

$$\boxed{2} \quad \boxed{9} \quad \boxed{1} \quad \boxed{6}$$

Ans: _____

29.   Arrange the following numbers in **descending** order.

7304,   7430,   7403, 7340

Ans: _____ , _____ , _____ , _____ .

30.   A pair of shoes costs 5 times as much as a blouse.
       If the blouse costs $12, what is the cost of the pair of shoes?

Ans: $_____

31.   Divide each number by 8.
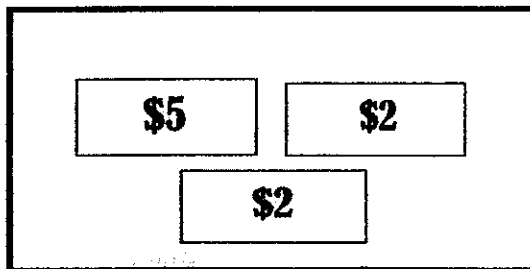   Which number will give you an odd number as the answer?
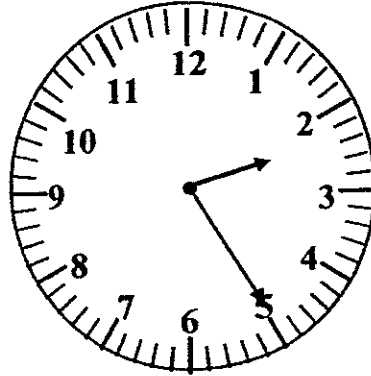
       | 624 | | 472 | | 768 |

                                        Ans: _____

32.   How many twenty-cent coins make up the sum of money you see in
       the box below?

       | $5 | | $2 |
          | $2 |

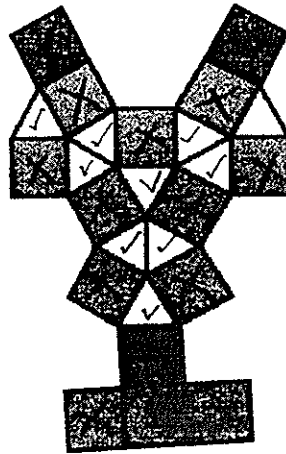   Ans: _____

33.   One afternoon, Siti took half an hour to reach the library.
       She reached the library at the time shown below.
       When did she leave her home?

Ans: _____

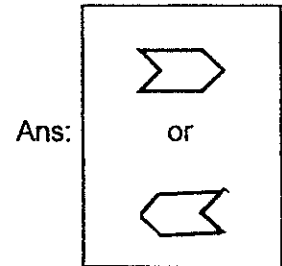34.   Look at the figure below. How many **more** squares than triangles are there?

Ans: _____

35.   Study the pattern given below.

Circle the correct shape to complete the pattern above.

Ans: or

36.   Find the missing number in the following number pattern.

3, 5, 8, 13, ?, 34, 55, 89, 144

Ans: _____

37.   Jenny read from Page 64 to Page 79 of a book.
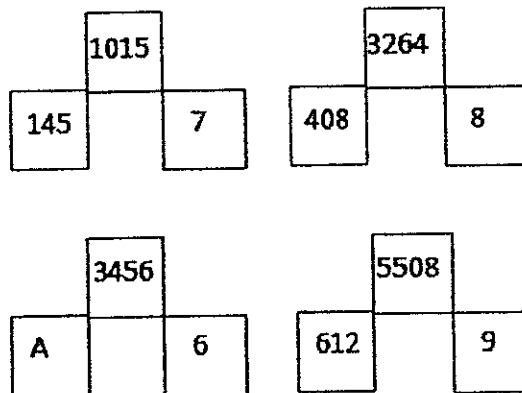   How many pages did she read?

Ans: _____

38. The sum of two numbers is 528. The bigger number is three times as big as the smaller number. What is the bigger number?

Ans: _____

39. Alicia has 4 times as many stickers as Ben.
After Ben bought 20 more stickers, Alicia has twice as many stickers as Ben.
How many stickers do they have altogether at the end?

Ans: _____

40. Study the following number pattern. What is the value of A?

	1015				3264	
145		7		408		8

	3456				5508	
A		6		612		9

Ans: _____

SECTION C (20 marks)

For question 41 to 46, show your working clearly in the space provided below each question and write your answer with suitable units in the spaces provided. All diagrams are not drawn to scale. Marks will be awarded for relevant working. The number of marks available is shown in brackets [ ] at the end of each question or part-question.

41.   A table and a chair cost $207. A table costs $99 more than a chair.
       What is the cost of a table?

Ans: _____ [3]

42.   Red pens are sold at 2 for $5 and blue pens are sold at 3 for $6.
       How much does it cost to buy 6 red pens and 6 blue pens?

Ans: _____ [3]

43. There are 5400 marbles in the box. 2500 marbles are red and the rest are blue and green. There are 700 fewer blue marbles than red marbles. How many green marbles are there?

Ans:_____ [3]

44. The charges for renting bicycles and rollerblades from ABC shop for every hour are stated in the table below. How much does it cost to rent a bicycle and a pair of rollerblades for 3 hours?

	Bicycle	Rollerblades
Per hour	$5	$7

Ans:_____ [3]

45. The table below shows Betty's savings. On Day 1, Betty saved $2. On Day 2, she saved $4. Every day, she saved $2 more than the previous day.

(a) Fill in the boxes in the table with the correct number.
(b) How much money was in her piggy bank at the end of Day 10?

Day	Saves	Total amount in piggy bank
1	$2	$2
2	$4	$6
3	$6	$12
4	$8	☐
5	☐	$30
6	$12	$42

Ans: (b) _____ [4]

46.   A toy car has 4 wheels and a toy tricycle has 3 wheels. Mr Lim has a total of 60 toy cars and toy tricycles in his factory. There are 213 wheels altogether.

(a) How many toy cars are there?
(b) How many toy tricycles are there?

Ans: a) _____ toy cars [2]

       b) _____ toy tricycles [2]

Year: 2014

Level: Primary 3

School: Raffles Girls' Primary School

Subject: Mathematics

Semester: SA1

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

Q21) Nine thousand and twelve

Q22) 1306

Q23) 198

Q24) 2940

Q25) 107

Q26) $2.85

Q27) 55

Q28) 9612

Q29) 7430, 7403, 7340, 7304

Q30) $60

Q31) 472

Q32) 45

Q33) 1.55 pm

Q34) 5

Q35)

Q36) 21

Q37) 16

Q38) 396

Q39) 120

Q40) 576

Q41) $207-$99=$108

$108÷2=$59

$54+$99=$153

The table costs $153.

Q42) 6÷2=3

6÷3=2

$5×3=$15

$6×2=$12

$15+$12=$27

6 red pens and 6 blue pens cost $27.

Q43) 2500-700=1800 (blue)

5400-2500=2900 (blue+green)

2900-1800=1100

There are 1100 green marbles.

Q44) $5×3=$15

$7×3=$21

$21+$15=$36

It costs $36.

Q45) a)

Day	Saves	Total amount in piggy bank
1	$2	$2
2	$4	$6
3	$6	$12
4	$8	$20
5	$10	$30
6	$12	$42

b) 10×11=110

There was $110.

Q46) 60×3=180

4-3=1

213-180=33

33÷1=33 (toy car)

60-33=27 (toy tricycle)

    a) There are 33 toy cars.
    b) There are 27 toy tricycles.