RIVER VALLEY PRIMARY SCHOOL
SEMESTRAL ASSESSMENT 1
2017
MATHEMATICS
PRIMARY FOUR

Name : _____ ( )

Class : Primary 4 ( )

Date : 5 May 2017

Duration : 1 hour 45 minutes (Booklets A and B)

BOOKLET A

Section A: Multiple Choice Questions (40 marks)

Questions 1 to 20 carry 2 marks each.

For each question, four options are given. Choose one of the options provided. Shade the correct corresponding oval (1, 2, 3 or 4) in the Optical Answer Sheet (OAS).

1. The value of the digit 8 in 78 396 is _____.

   (1) 8   (2) 800

   (3) 8000   (4) 80 000

2. 32 thousands and 5 tens is the same as _____.

   (1) 32 500   (2) 32 050

   (3) 3 250   (4) 325

3. Which of the following numbers when rounded off to the nearest hundred becomes 34 800?

   (1) 34 685   (2) 34 745

   (3) 34 785   (4) 34 850

4. When a number is divided by 3, its quotient is 37 and its remainder is 2. What is the number?

   (1) 77   (2) 109

   (3) 111   (4) 113

1

5. Which of the following numbers is **not** a common multiple of 4 and 6?

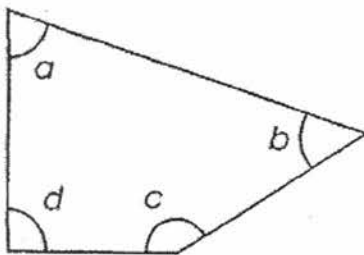   (1) 12   (2) 16

    (2) 24   (4) 36

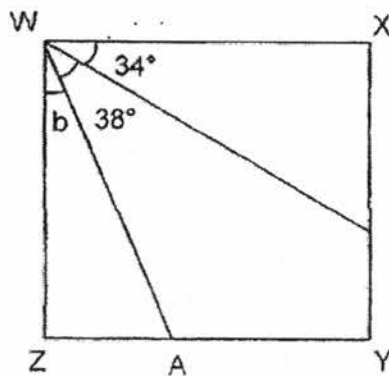6. In the figure below, not drawn to scale, which angle is a right angle?

    (1) $\angle a$ (2) $\angle b$

    (3) $\angle c$ (4) $\angle d$

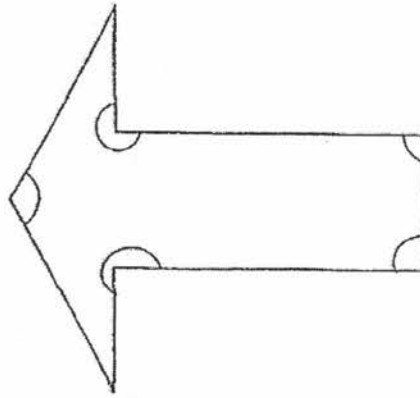7. In the figure shown, not drawn to scale, WXYZ is a square. Find $\angle b$.

    (1) 18°   (2) 28°

    (3) 72°   (4) 108°

2
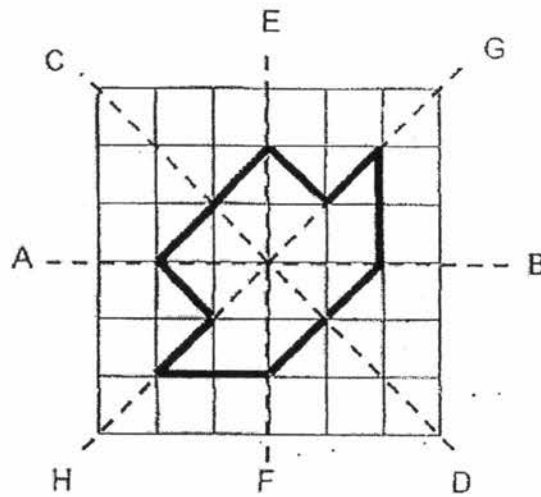
8. How many angle(s) in the figure below is/are smaller than a right angle?

(1) 1
(2) 2
(3) 3
(4) 4

9.

Which line above is the correct line of symmetry for the figure?

(1) AB
(2) CD
(3) EF
(4) GH

3

10. A 24-hour clock reads 01 00. It is faster by 1 h 45 min. What is the actual time?
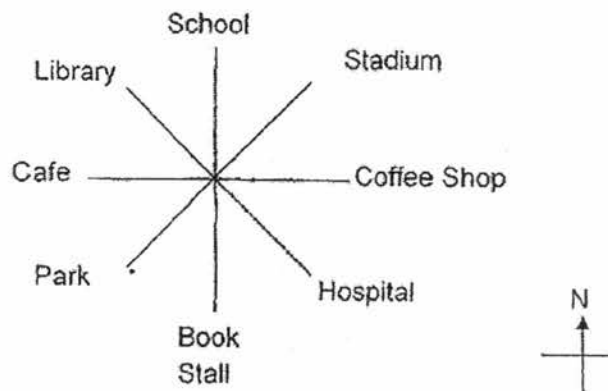
   (1) 00 15   (2) 02 45

   (3) 23 55   (4) 23 15

11. Terry is facing the Library after he made a 270° turn in the anticlockwise direction. Where was he facing at first?

   (1) Park   (2) Stadium

   (3) School   (4) Book Stall

12. The sum of two numbers is 9830. If one number is 204 less than the other, what is the smaller number?

   (1) 4711   (2) 4813

   (3) 5017   (4) 5119

4

13. Simon finished a race in 125 seconds. Gary was 20 seconds faster than Simon. Peter was 10 seconds slower than Gary. Salim was 5 seconds faster than Peter. Who was the fastest in the race?

    (1) Simon   (2) Gary
    (3) Peter   (4) Salim

14. There are 8 lamp posts placed in a row at equal distance apart. The distance between the 1st and the 3rd lamp post is 240 cm. What is the distance between the 1st and the 8th lamp post?

    1st   240 cm   8th
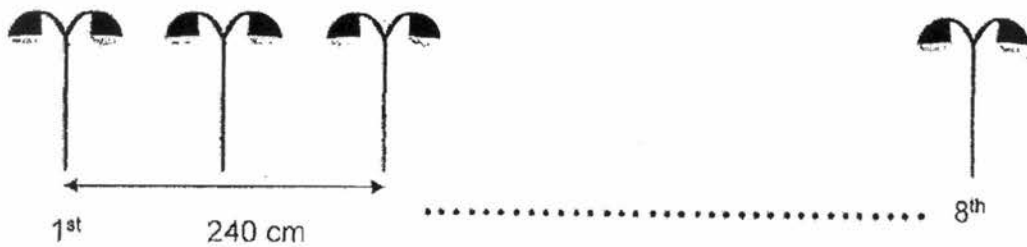
    (1) 560 cm   (2) 640 cm
    (3) 840 cm   (4) 960 cm

15. 12 pupils shared a box of sweets equally. If 4 pupils received 80 sweets, how many sweets were shared by the 12 pupils altogether?

    (1) 1280   (2) 960
    (3) 480   (4) 240

5

16. Which of the letters below has **only** one line of symmetry?

(1)

A

(2)

H

(3)

S

(4)

X

17. Look at the protractor below. Which angle is 125°?

(1) ∠AOD   (2) ∠AOC

(2) ∠BOC   (4) ∠BOD

6
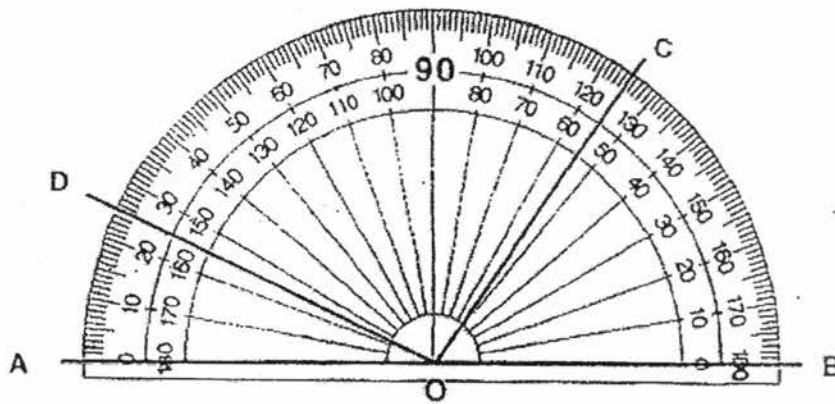
18. A group of children shared 15 pencils and 24 erasers. Each type of stationery is shared equally among the children. How many children are there in the group?

(1) 8

(2) 5

(3) 3

(4) 4

19. An iphone and 3 watches cost $1008. The iphone costs thrice as much as each watch. What is the cost of an iphone?

(1) $168

(2) $252

(3) $504

(4) $756

20. The table below shows numbers from 1 to 16.

Which number is North-West of 11 and West of 2?

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16

N
↑

(1) 1

(2) 6

(3) 8

(4) 10

- End of Booklet A -

7

RIVER VALLEY PRIMARY SCHOOL

SEMESTRAL ASSESSMENT 1

2017

MATHEMATICS

PRIMARY FOUR

Name : _____ (   )

Class :   Primary 4   (_____)

Date :   5 May 2017

Duration :   1 hour 45 minutes (Booklets A and B)

BOOKLET B

Instructions to candidates

- Do not open the booklet(s) until you are instructed to do so.
- Read all instructions provided in each section carefully.
- Show your workings as marks may be awarded.

SUMMARY OF MARKS :

	Section	Questions	Marks Awarded	Maximum Marks
A	Multiple Choice Questions	1 – 20		40
B	Short Answer Questions	21 – 40		40
C	Long Answer Questions	41 – 45		20
	Total			100

Parent's Signature:

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

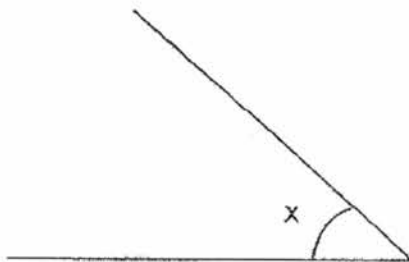21. Write three hundred thousand, three hundred and sixteen in figures.

Answer: _____

22. What is 1000 more than 29 985?

Answer: _____

23. 1 is a common factor of 6 and 18. List all the other common factors of 6 and 18.

Answer: _____

24. Use your protractor to measure and write down the size of $\angle$ x.

Answer: _____ °

25. Arrange the following numbers in order from the smallest to the greatest.

50 348 , 30 548 , 58 340 , 80 384

—————— , —————— , —————— , ——————

(smallest)   (greatest)

26. Use the digits 4, 6, 5, 1 to form the smallest 4-digit number which is a multiple of 5.

Answer: ———————

27. Shun Yi is thinking of a number. When he divides it by 9. it gives a remainder of 1. When he divides it by 7. it gives a remainder of 2. What is the number?
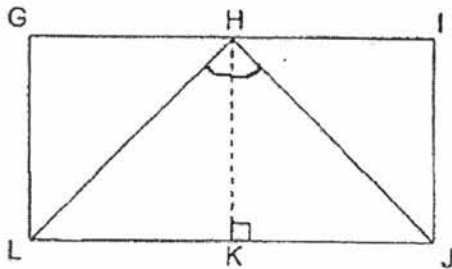
Answer: ———————

28. Lisa slept at 21 30 on Monday. She woke up at 06 00 on Tuesday. How long did she sleep? (Give your answer in hours and minutes)

Answer: _____ h _____ min

29. Terry spent 1 h 20 min doing his homework. He spent another 45 minutes practising his violin. If he finished practising his violin at 18 30 at what time did he start doing his homework? (Give your answer using the 24-hour clock)
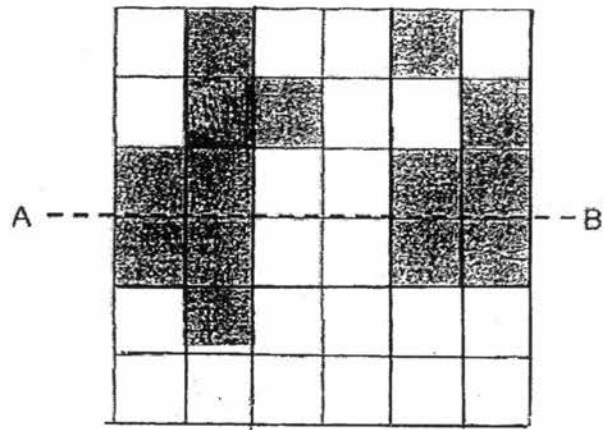
Answer: _____

30. The diagram below is not drawn to scale.
    GHKL and HIJK are two similar squares. Find ∠ LHJ.

Answer: _____ °

31. The dotted line AB in the figure below is a line of symmetry.

Shade the smallest number of squares to make the figure symmetric.

32. Iris flipped open a story book. The sum of the two facing page numbers is 13. What are the two page numbers?

Answer: _____ and _____

33. An apple pie and 5 egg tarts cost $13. An apple pie and an egg tart cost $5. What was the cost of an egg tart?

Answer: $_____

34. If today is Saturday, what day will it be 15 days later?

Answer: _____

35. Mdm Tam baked 294 cookies and packed them equally into 7 boxes. She sold 3 boxes of the cookies. How many cookies had she left?

Answer: _____

36. Siti's Mid-Year Examination slip was torn. Based on the results shown on the slip below, what was the largest possible difference between his Mathematics and Science marks?

ABC PRIMARY SCHOOL
Mid-Year Examination Result Slip

English	89
Mother Tongue	95
Mathematics	9?
Science	7?

Answer: _____

37. Olivia has 60 stamps and Felicia has 115 stamps. How many stamps must Olivia give to Felicia so that Felicia has four times as many stamps as her?
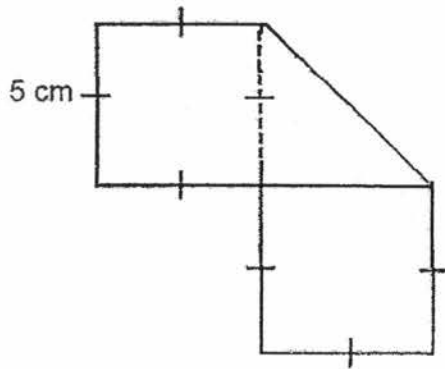
Answer: _____

38. The figure below is not drawn to scale. It shows a rectangle ABCD and a square BEFG. AB = BG; AD is twice as long as CD. Find the length of GF.

Answer: _____ cm

13
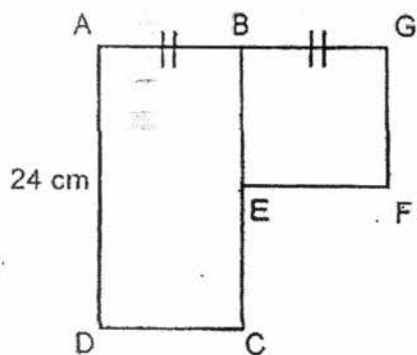
39. A rectangular piece of paper was folded to form the shape shown below. What was the length of the rectangular paper before it was folded?

5 cm

Answer: _____ cm

40. Bell A rings every 3 minutes. Bell B rings every 7 minutes. If the 2 bells ring together at 6.30 p.m., what will be the next time that the 2 bells will ring together again?

Answer: _____ p.m.

14

Section C: Long Answer Questions (20 marks)

Questions 41 to 45 carry 4 marks each.

Show your working clearly as marks may be awarded. Write your answer in the space provided.

41.   Mr Lim paid $1208 for a dining table. He paid $346 more for a set of sofa.

   (a) What was the total cost of the dining table and the sofa set that
       Mr Lim paid?

   (b) During a sale, a dining table will cost $240 cheaper. Mrs Aries
       bought 3 dining tables during the sale. How much did Mrs Aries pay
       altogether?

                                   Answer : (a) _____(2m)

                                           (b)_____(2m)

42. Andy, Ben and Candy collected 1372 stamps altogether. Ben collected 75 more stamps than Andy but 64 stamps fewer than Candy. How many stamps did Candy collect?

Answer: _____(4m)

43. Emily and Rachel had $2458 altogether at first. After their mother gave $384 to Emily and $590 to Rachel, both girls had an equal amount of money in the end. How much did Rachel have at first?

Answer: _____(4m)

16

44. During a sale, a bakery gave 2 free egg tarts for every 6 egg tarts bought. Jiali received 40 egg tarts in all. How many egg tarts did she buy?

Buy 6 get 2 free!

Answer: _____(4m)

45. Denise had $1500 more than Fiona at first. After Denise gave $1850 to her mother, Fiona had 8 times as much money as Denise. How much money did Denise have at first?

Answer: _____(4m)

- End of Booklet B -

17

EXAM PAPER 2017 (P4)

SCHOOL : RIVER VALLEY

SUBJECT :MATHEMATICS

TERM : SA1

ORDER CALL :

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

21)300316   22)30985   23)2 , 3 and 6   24)42°

25)30548 , 50348 , 58340 , 80384   26)1645   27)37

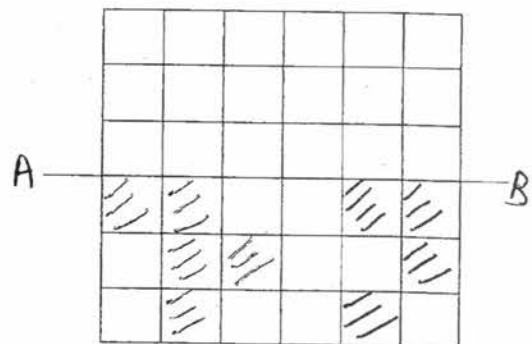28)8 h 30 min   29)1625   30)90°   31)

32)6 and 7   33)\$2   34)Sunday

35)294 ÷ 7 = 42

    42 x 3 = 126

    294 − 126 = 168

36)99 − 70 = 29

37) 5u = 175

175 ÷ 5 = 35

60 − 35 = 25

38) 12 cm

39) 5 x 8 = 40cm

40) 6.81 p.m.

41) a) 1208 + 346 = 1554

1208 + 1554 = $2762

b) 1208 − 240 = 968

968 x 3 = $2904

42) 75 x 2 = 150

150 + 64 = 214

1372 − 214 = 1158

1158 ÷ 3 = 386

386 + 75 = 461

461 + 64 = 525

43) 2458 + 384 + 590 = 3432

3432 ÷ 2 = 1716

1716 − 590 = $1126

44) 6 egg tarts → 2 egg tarts free

12 egg tarts → 4 egg tarts free

18 egg tarts → 6 egg tarts free

24 egg tarts → 8 egg tarts free

30 egg tarts → 10 egg tarts free

She bought 30 egg tarts.

45) 1850 − 1500 = 350

350 ÷ 7 = 50

1850 + 50 = $1900