



RED SWASTIKA SCHOOL

2018 SEMESTRAL ASSESSMENT 2

MATHEMATICS

Name : _____ ()

Class : Primary 3 / _____

Date : 25 October 2018

BOOKLET A

20 Questions

40 Marks

Duration of Paper : 1 hour 45 minutes

Note:

1. Do not open this Booklet until you are told to do so.
2. Read carefully the instructions given at the beginning of each part of the Booklet.
3. Do not waste time. If a question is difficult for you, go on to the next one.
4. Check your answers thoroughly and make sure you attempt every question.
5. In this booklet, you should have the following:
 - (a) Page 1 to Page 6
 - (b) Questions 1 to 20

Section A : Multiple-Choice Questions

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 correct oval (1, 2, 3 or 4) on the Optical Answer Sheet. (40 marks)

1 In 8175, the digit _____ is in the hundreds place.

- (1) 1
- (2) 5
- (3) 7
- (4) 8

2 Find the sum of 3156 and 1059.

- (1) 2097
- (2) 4105
- (3) 4215
- (4) 5215

3 Multiply 496 by 2. The product is _____.

- (1) 248
- (2) 498
- (3) 882
- (4) 992

4 Subtract 12 tens from 35 hundreds. The answer is _____.

- (1) 23
- (2) 230
- (3) 3380
- (4) 3620

5 $6 + 6 + 6 + 6 + 6 + 6 + 6 = 7 \times$ _____.

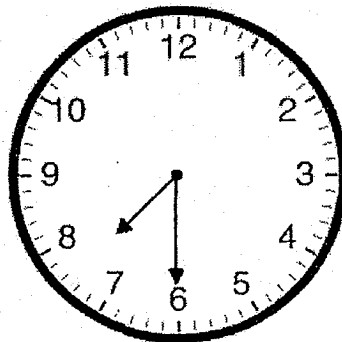
- (1) 6
- (2) 7
- (3) 42
- (4) 49

- 6 Meili paid \$419 for a handphone. She paid another \$3855 for a computer. How much did she spend in all?
- (1) \$3436
 - (2) \$3264
 - (3) \$4274
 - (4) \$8045

- 7 Mr Tan sold 1120 buns in a week. He sold the same number of buns each day. How many buns did he sell in a day?
- (1) 16
 - (2) 160
 - (3) 1113
 - (4) 7840

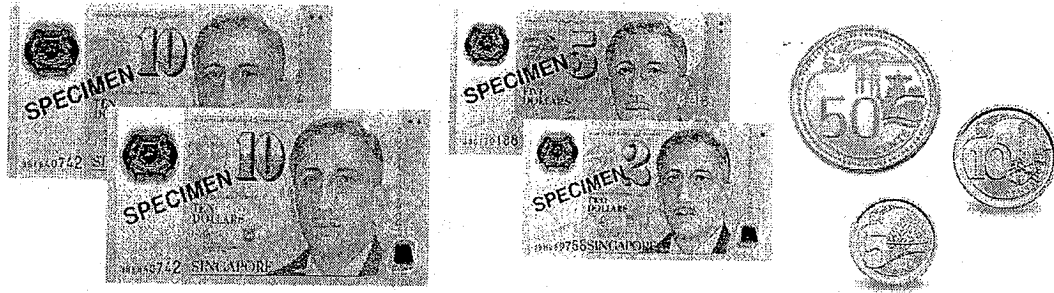
- 8 $4105 \text{ m} = \underline{\hspace{2cm}} \text{ km } \underline{\hspace{2cm}} \text{ m}$
- (1) 4 km 105 m
 - (2) 4 km 150 m
 - (3) 41 km 5 m
 - (4) 41 km 50 m

- 9 Mary had her dinner at the time shown on the clock below. She took 25 minutes to finish her dinner. What time would she finish her dinner?

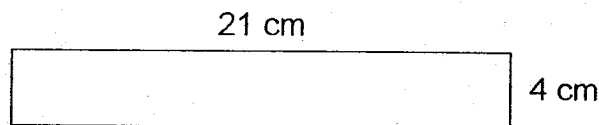


- (1) 7.05 p.m.
- (2) 7.30 p.m.
- (3) 7.55 p.m.
- (4) 8.55 p.m.

- 10 What is the amount of money shown below?

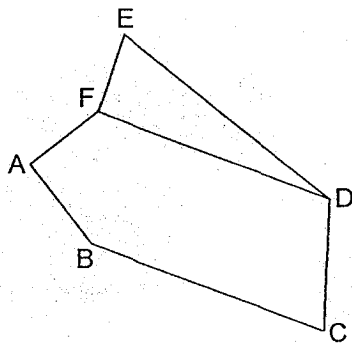


- (1) \$27.25
(2) \$27.65
(3) \$28.05
(4) \$28.55
- 11 David had \$30.30. He bought a book for \$18.50. How much money did he have left?
- (1) \$11.80
(2) \$12.20
(3) \$48.80
(4) \$59.90
- 12 What is the area of the rectangle?



- (1) 17 cm^2
(2) 25 cm^2
(3) 50 cm^2
(4) 84 cm^2

- 13 Which line is parallel to line FD?



- (1) AB
 - (2) BC
 - (3) ED
 - (4) EF
- 14 Which pair of fractions are equivalent fractions?

- (1) $\frac{1}{2}, \frac{1}{4}$
- (2) $\frac{2}{3}, \frac{2}{6}$
- (3) $\frac{1}{4}, \frac{2}{8}$
- (4) $\frac{2}{5}, \frac{6}{10}$

- 15 Find the sum of $\frac{1}{4}$ and $\frac{5}{8}$.

- (1) $\frac{4}{12}$
- (2) $\frac{6}{12}$
- (3) $\frac{3}{8}$
- (4) $\frac{7}{8}$

16 What is the largest odd number that can be formed by the digits 0, 3, 5 and 8?

- (1) 8035
- (2) 8305
- (3) 8503
- (4) 8530

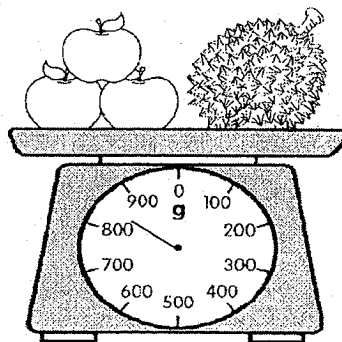
17 The difference between 4075 and 2845 is _____ more than 1220.

- (1) 10
- (2) 100
- (3) 5700
- (4) 8140

18 Mrs Chen bought 4 bags of apples. Each bag contains 36 apples. She used all the apples to bake 6 similar pies. How many apples did she use to bake a pie?

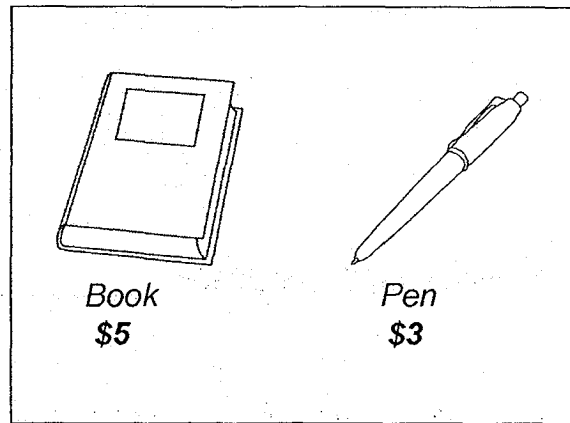
- (1) 24
- (2) 46
- (3) 144
- (4) 240

19 The mass of each apple is 130 g. What is the mass of the durian?



- (1) 390
- (2) 460
- (3) 720
- (4) 850

20 Look at the diagram below.



Ahmad spent a total of \$96 buying an equal number of books and pens. How much did he spend on books?

- (1) \$8
- (2) \$12
- (3) \$36
- (4) \$60



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2018 SEMESTRAL ASSESSMENT 2

MATHEMATICS

Name : _____ ()

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BOOKLET B

25 Questions

60 Marks

In this booklet, you should have the following:

(a) Page 7 to Page 16

(b) Questions 21 to 45

MARKS

	OBTAINED	POSSIBLE
BOOKLET A		40
BOOKLET B		60
TOTAL		100

Parent's Signature : _____

Section B : Short-Answer Questions

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.

(40 marks)

- 21 In 5738, the digit 5 is in the _____ place.

Ans: _____

- 22 Find the difference of the values of the digit 8 in the numbers below.

9548

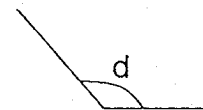
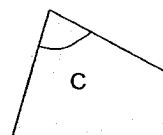
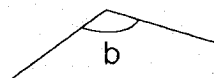
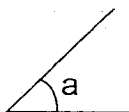
6812

Ans: _____

- 23 Mrs Gopal had 72 oranges. She packed the oranges equally into 8 boxes. How many oranges are there in each box?

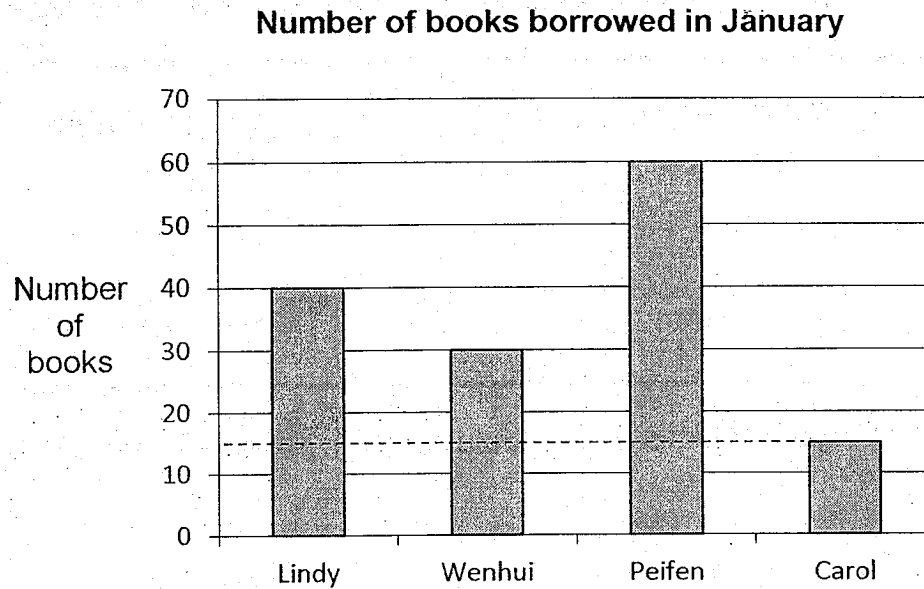
Ans: _____

- 24 Name the angle(s) that is/are smaller than a right angle.



Ans: _____

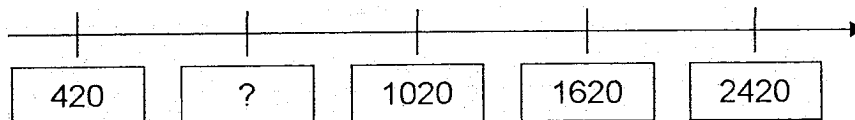
- 25 The bar graph shows the number of books borrowed by four children in January.



How many more books did Peifen borrow than Carol?

Ans: _____

- 26 Study the pattern below. What is the missing number?



Ans: _____

- 27 Mr Lee sold 1560 durians on Saturday. He sold 125 more durians on Saturday than on Sunday. How many durians did he sell on Sunday?

Ans: _____

28 Given $3 \times \text{☀} = 21$

$3 \times \text{☾} = 27$

$\text{☀} \times \text{☾} = ?$

What number does $\text{☀} \times \text{☾}$ stands for?

Ans: _____

- 29 Amy had 2 stickers left after packing 6 stickers into each box. If she had 110 stickers, how many boxes did she used to pack the stickers?

Ans: _____

- 30 The total height of Johan and Ameer is 2 m 90 cm. Johan is 155 cm tall. How much taller is Johan than Ameer?

Ans: _____ cm

- 31 Megan used 3 cans of pineapple juice to make a jug of fruit punch. Each can contains 320 ml of pineapple juice. What is the volume of pineapple juice used if Megan made 2 jugs of fruit punch? Give your answer in litres and millilitres.

Ans: _____ l _____ ml

- 32 Peiling took at least 5 minutes to wrap a present. She started wrapping presents at 1.30 p.m. and ended at 3.10 p.m. What is the greatest possible number of presents she had wrapped?

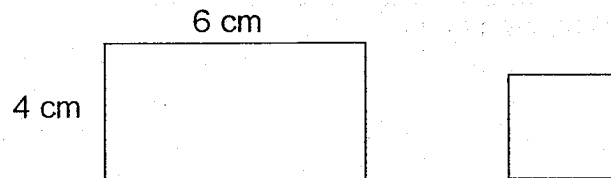
Ans: _____



- 33 4 boxes of pens cost \$28. Mr Ang bought 20 boxes of pens. How much money does Mr Ang need to pay for the 20 boxes of pens?

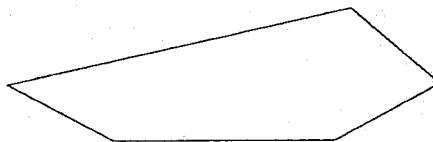
Ans: \$ _____

- 34 Arjun cut a 32-cm long wire into two pieces. He used the two pieces of wire to form a rectangle and a square as shown below. Find the perimeter of the square.

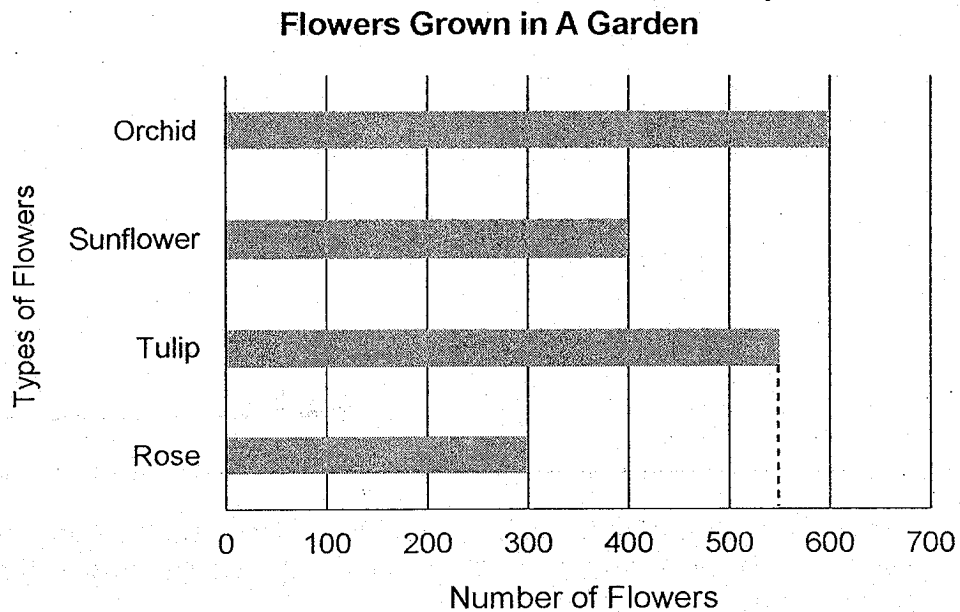


Ans: _____ cm

- 35 Mark all the obtuse angles in the figure shown below.



The bar graph below shows four different types of flowers grown in a garden. Use the information to answer questions 36 and 37.



- 36 There are _____ fewer sunflowers than the total number of tulips and roses.

Ans: _____

- 37 The number of orchids grown in the garden is twice as many as the number of _____.

Ans: _____

- 38 Pamela cut a pizza into 8 pieces. She gave 5 pieces to her friends and ate $\frac{1}{8}$ of the pizza. What fraction of the pizza had she left? Give your answer in its simplest form.

Ans: _____

- 39 Arrange the fractions in order, beginning with the greatest.

$$\frac{2}{3}, \frac{1}{4}, \frac{5}{12}$$

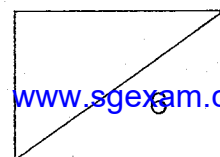
Ans: _____ , _____ , _____
(greatest) (smallest)

- 40 The mass of a box of grapes is $\frac{7}{10}$ kg.

The box has a mass of $\frac{1}{5}$ kg.

Find the mass of the grapes. Give your answer in its simplest form.

Ans: _____ kg



Section C : Long-Answer / Structured Questions

For questions 41 to 45, show your working clearly in the space below each question and write your answers in the spaces provided. (20 marks)

- 41 Hassan collected 1550 stamps. Fatin collected 968 stamps.
Hassan gave some of his stamps to Fatin so that they would have the same number of stamps. How many stamps did Hassan give to Fatin?

Ans: _____ [4]

- 42 Minghua bought some storybooks. He received 3 stickers free for every 15 storybooks bought. What was the least number of storybooks he bought if he received 21 free stickers?

Ans: _____ [4]

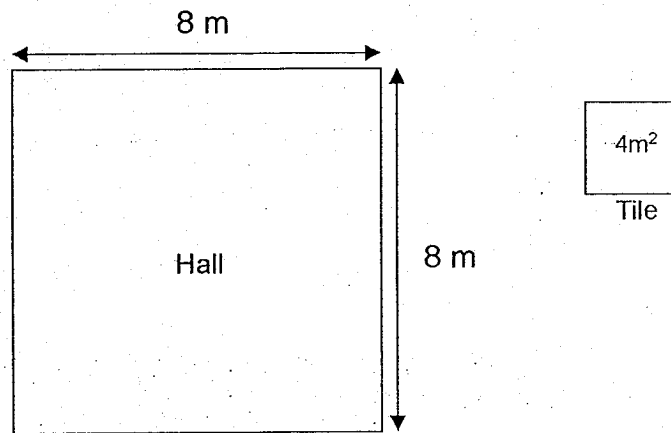
- 43 Kelly took 45 minutes to bake a cake. She then took thrice as long to decorate her cake. She started baking her cake at 10.30 a.m. At what time did Kelly finish decorating her cake?

Ans: _____ [4]

- 44 Bala had some bookmarks. After buying another 125 bookmarks, he had 370 bookmarks more than his sister. His sister had 1540 bookmarks. How many bookmarks did Bala have at first?

Ans: _____ [4]

- 45 The workers laid some tiles on the floor of a hall as shown in the figure below. How many pieces of tiles did they use if each piece of square tile has an area of 4 m^2 ?



Ans: _____ [4]

End of Paper

Have you checked your paper? ☺

EXAM PAPER 2018 (P3)

SCHOOL : REDSWASTIKA

SUBJECT : MATHEMATICS

TERM : SA2

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

21) thousands

22) 792

23) 9

24) $\angle A, C$

25) $60 - 15 = 45$

26) 620

27) $1500 - 125 = 1435$

28) $9 \times 7 = 63$

29) $110 - 2 = 108$

$$108 \div 6 = 18$$

30) $290 - 155 = 135$

$$155 - 135 = 20 \text{ cm}$$

31) $320 \times 3 = 960$

$$960 \times 2 = 1920$$

$$= 1 \text{ L } 920 \text{ ml}$$

32) 20

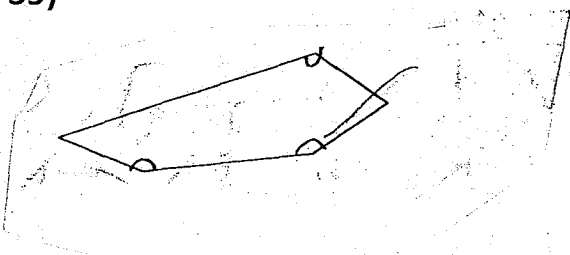
33) $28 \div 4 = 7$

$20 \times 7 = \$140$

34) $32 - 12 = 20$

$20 - 8 = 12$

35)



36) $550 + 300 = 850$

$850 - 400 = 450$

37) Roses

38) $\frac{1}{4}$

39) $\frac{2}{3}$, $\frac{5}{12}$, $\frac{1}{4}$

40) $\frac{1}{2}$ kg

41) $1550 + 968 = 2518$

$2518 \div 2 = 1259$

$1259 - 968 = 291$

42) $21 \div 3 = 7$

$7 \times 15 = 105$

43) 1.30 p.m.

44) $1540 - 125 = 1415$

$1415 + 370 = 1785$

$$45)8 \times 8 = 64$$

$$64 \div 4 = 16$$

