Maha Bodhi School

2013 Semestral Assessment 2

Mathematics

Name : _____( )

Date : 25 October 2013

Class : Pr 3 _____

Duration : 1 h 45 min

BOOKLET A

Section A (34 marks)

Questions 1 to 17 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 Mark Sheet.

1. In 6923, the value of digit 9 is _____.

(1) 9
(2) 90
(3) 900
(4) 9000

2. What is the missing number in the pattern shown below?

1	2
2	4

2	3
3	18

3	4
4	48

4	5
6	?

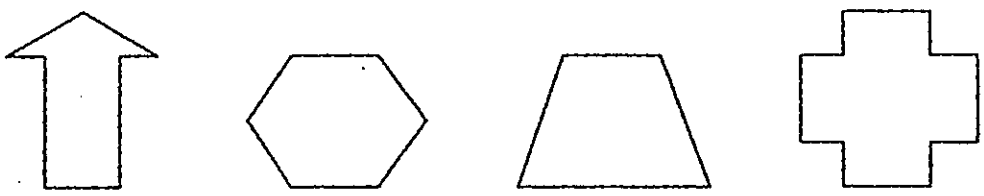
(1) 15
(2) 34
(3) 120
(4) 150

Downloaded from SingaKids.com

3. The sum of two numbers is 8928. The bigger number is 5982.
What is the difference between the two numbers?

(1) 2946
(2) 3036
(3) 4464
(4) 5892

4. Study the shapes below carefully. How many shape(s) is/are there that has/have **both** perpendicular and parallel lines?



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

5. A dress and three similar pairs of socks cost $183.
If the dress cost $99, how much was each pair of socks?

(1) $28
(2) $84
(3) $61
(4) $94

Downloaded from SingaKids.com

6. Which one of the fractions is greater than $\frac{1}{3}$?

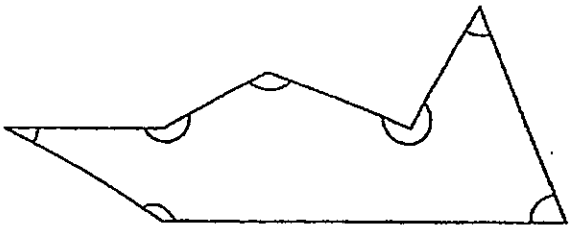
(1) $\frac{1}{6}$

(2) $\frac{1}{5}$

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

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

7. How many angles in the figure are greater than a right angle?



(1) 5

(2) 2

(3) 3

(4) 4

8. Which one of the following sets of coins makes up $3?

(1) 2 fifty-cent and 10 ten-cent coins

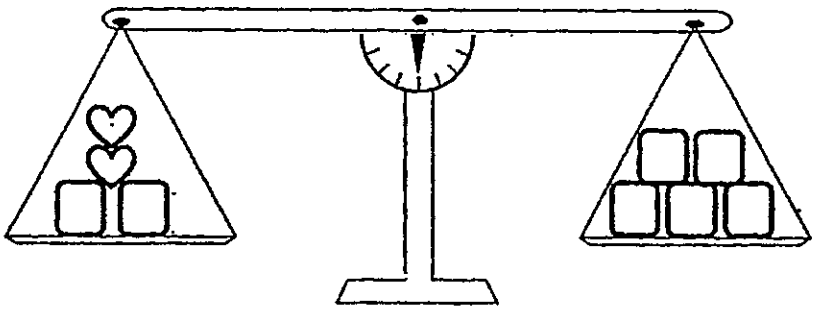
(2) 1 one-dollar and 20 five-cent coins

(3) 3 fifty-cent and 5 twenty-cent coins

(4) 5 twenty-cent and 20 ten-cent coins

Downloaded from SingaKids.com

9.



What is the mass of ♡ if □ is 350 g?

(1) 525 g
(2) 875 g
(3) 1050 g
(4) 1750 g

10. Silas took 3 h 45 min to bake a cake. He finished baking at 2.50 p.m.
At what time did he start baking?

(1) 6.35 a.m.
(2) 6.35 p.m.
(3) 11.05 a.m.
(4) 11.05 p.m.

11. Tom spent $\frac{1}{8}$ of his money on toys and $\frac{3}{4}$ of his money on books.
He saved the rest of his money. What fraction of his money did he save?

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

Downloaded from SingaKids.com

12. Mr Tan and Ahmad have a total mass of 96 kg. Mr Tan's mass is thrice of Ahmad's mass. What is the mass of Ahmad?

(1) 24 kg
(2) 26 kg
(3) 72 kg
(4) 78 kg

13. Gordan gave Klein 2323 beads. Klein gave Ashley 745 beads.
How many beads does Klein have now if he had 4671 beads at first?

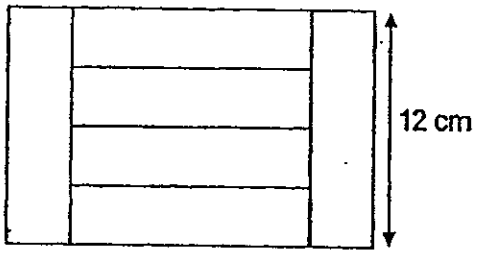
(1) 3065
(2) 5416
(3) 6249
(4) 6994

14. A tank contained 4000 ml of water at first. Melvin poured 3450 ml of water into the tank and Ryan poured water from 4 bottles into the same tank.
If each bottle contained 330 ml of water, how much water was in the tank in the end?

(1) 1320 ml
(2) 5320 ml
(3) 7450 ml
(4) 8770 ml

Downloaded from SingaKids.com

15. The figure below is made up of six identical rectangles.
The area of one rectangle is _____ cm^2.



(1) 36
(2) 48
(3) 144
(4) 216

16. What is the missing digit?

$$\begin{array}{r} 4\,\boxed{?}\,5 \\ \times\quad 7 \\ \hline 3325 \end{array}$$

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

17. There were 35 fewer buttons in Bottle Y than Bottle X.
40 buttons from Bottle X were poured into Bottle Y.
How many more buttons were there in Bottle Y than Bottle X in the end?

(1) 30
(2) 40
(3) 45
(4) 75

Downloaded from SingaKids.com

Maha Bodhi School

2013 Semestral Assessment 2

Mathematics

Section A (34 marks)	
Section B (36 marks)	
Section C (20 marks)	
Total (90 marks)	

Name : _____( )

Class : Pr 3 _____

Duration : 1 h 45 min

Date : 25 October 2013

Parent's Signature : _____

BOOKLET B

Section B (36 marks)
Questions 18 to 35 carry 2 marks each.
Write your answers in the blanks provided. Give your answers in the units stated.
Show your working in the space provided. Marks will be awarded for correct method shown.

18. $50 – $16.35 = _____

Ans: $ _____

19. John has 694 sweets. After buying another 14 sweets, he has six times as many sweets as Sean. How many sweets does Sean have?

Ans: _____ sweets

Downloaded from SingaKids.com

20. Apples are sold at 5 for $1. Mr Ang received $25 for selling apples.
How many apples did he sell?



Ans: _____ apples

21. The length of a square is 12 cm.
What is its perimeter?

Ans: _____ cm

22. Bobby had $7.60 in total. He had 12 fifty-cent coins.
The rest of his money were twenty-cent coins.
How many twenty-cent coins did he have?

Ans: _____ twenty-cent coins

23. Which fraction is greater?

$\frac{3}{4}$ or $\frac{5}{6}$

Ans: _____

Downloaded from SingaKids.com

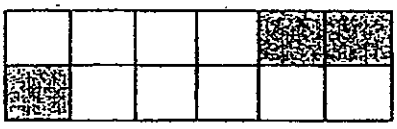
24. Mrs Tan bought 1 packet of apple juice and 4 packets of orange juice.
Each packet of apple juice cost $0.60.
Orange juice was sold at $3.30 for 2 packets.
How much did she pay altogether?

Ans: $ _____

25. Joel has $761 and Peter has $147.
How much money should Joel give to Peter so that each of them will have the same amount of money?

Ans: $_____

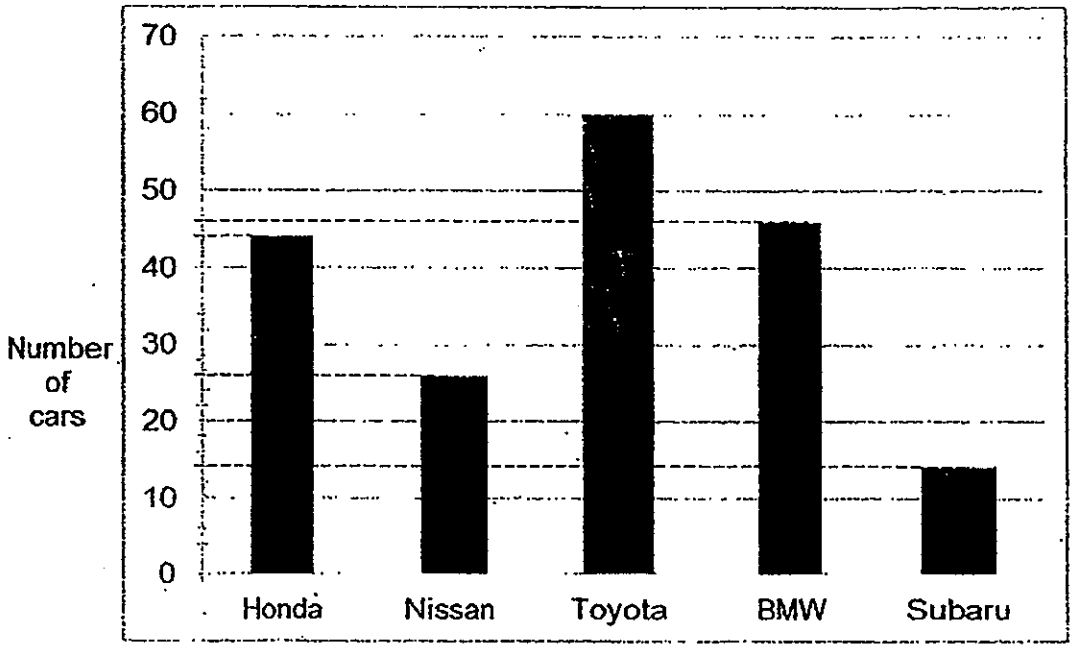
26. How many more equal parts must be shaded so that $\frac{3}{4}$ of the figure below is shaded?



Ans: _____

Downloaded from SingaKids.com

The bar graph below shows the number of cars of different brands sold in January. Study it carefully and answer Questions 27 and 28.



27. What is the total number of cars sold?

Ans: _____ cars

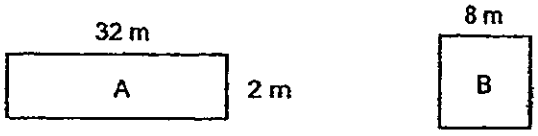
28. A total of 90 cars were sold.
Which two brands of cars could they be?

Ans: _____ and

_____

Downloaded from SingaKids.com

29. Fill in the blank with **greater than, smaller than or equal to.**



The area of Rectangle A is _____ the area of Square B.

Ans: _____

30. Arrange the fractions in order, beginning with the smallest.

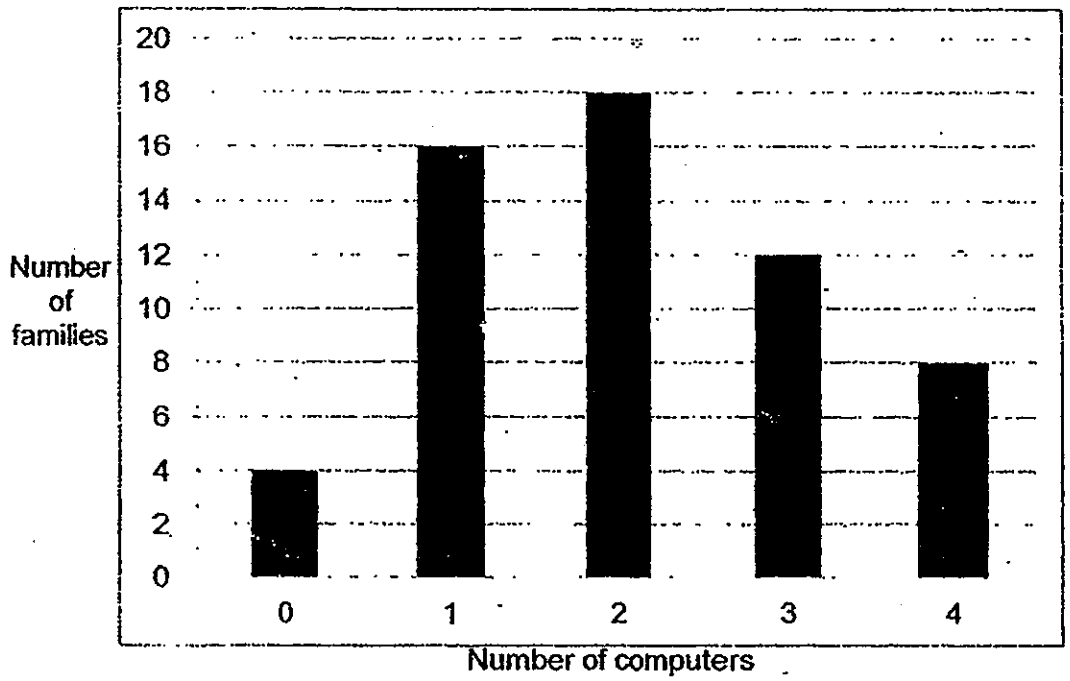
Ans: _____ , _____ , _____ , _____
smallest

31. The length of a rectangle is 4 times as long as its breadth. If the breadth is 8 cm long, what is the area of the rectangle?

Ans: _____ cm^2

Downloaded from SingaKids.com

32. The bar graph below shows the number of computers each family has.



How many families have at least 2 computers?

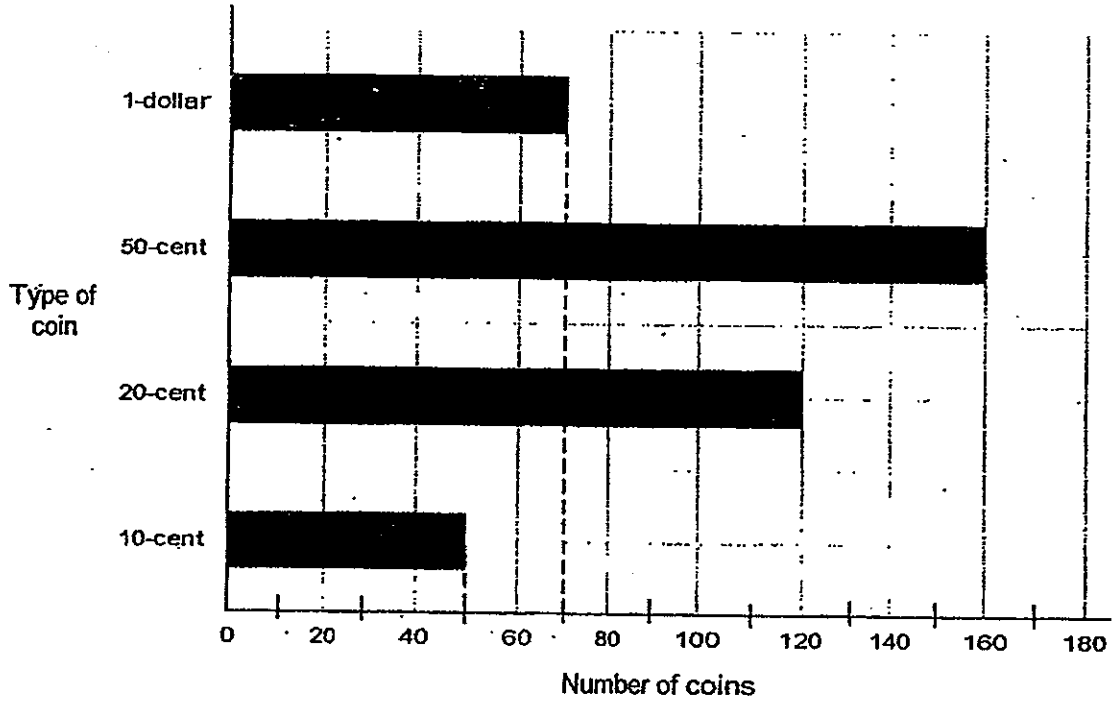
Ans: _____ families

33. Johnny spent 2 h 35 min to practise his piano.
After that, he spent 1 h 40 min to complete his homework.
He completed his homework at 5.10 p.m.
At what time did he start practising his piano?

Ans: _____ p.m.

Downloaded from SingaKids.com

34. The bar graph below shows the number of coins collected by Ken.

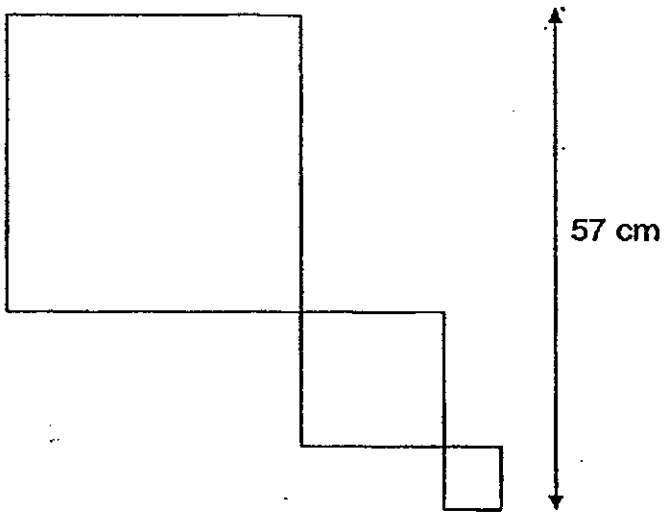


How many <u>more</u> 10-cent coins must Ken collect so that the number of 10-cent coins will be the same as the total number of 50-cent and 1-dollar coins he has collected?

Ans: _____ more 10-cent coins

Downloaded from SingaKids.com

35. Peiling cut a wire and bent it to form 3 different squares as shown in the figure below.



What was the length of the wire used to form the figure?

Ans: _____ m _____ cm

Downloaded from SingaKids.com

Section C : (20 marks)
Questions 36 to 40 carry 4 marks each.
Show your working clearly in the space below each question.
For each question, write your number sentences and final statement.

36. Lily and Sally have 807 stickers altogether. Lily has 155 stickers more than Sally.

(a) How many stickers does Sally have?

(b) How many stickers does Lily have?

37. The total mass of 2 bags of sand and 3 boxes of paper was 45 kg.
Each box of paper was 5 kg lighter than each bag of sand.
What was the mass of 1 bag of sand?

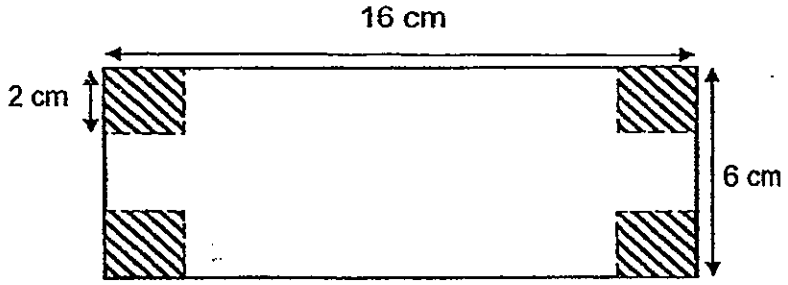
Downloaded from SingaKids.com

38. 5 pineapples and 3 watermelons cost $29.
3 pineapples and 3 watermelons cost $21.
How much does 1 pineapple cost ?

39. Daryl made 5000 ml of a fruity drink for a party. He used 900 ml of orange juice, 2300 ml of apple juice and added some water to make the fruity drink.
(a) How much fruit juice did he use?
(b) How much water did he add?
For parts (a) and (b), give your answers in litres and millitres.

Downloaded from SingaKids.com

40. The figure below shows a rectangular piece of paper measuring 16 cm by 6 cm. Four similar squares of side 2 cm are cut out from the four corners of the piece of paper. What is the area of the remaining piece of paper?





Remember to check your work!
Every mark counts.
--End of Paper -

Downloaded from SingaKids.com

Downloaded from SingaKids.com

ANSWER SHEET

EXAM PAPER 2013
SCHOOL : MAHA BOHDI SCHOOL
SUBJECT : PRIMARY 3 MATHEMATICS

TERM : SA2

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

Section B

Q18) $33.65
Q19) 118 sweets
Q20) 125 apples
Q21) 48cm
Q22) 8 twenty-cent coins
Q23) 5/6
Q24) $7.20
Q25) $307
Q26) 6
Q27) 190 cars
Q28) Honda and BMW
Q29) equal to
Q30) 1/5, 3/10, 2/5, 1/2
Q31) 256cm^2
Q32) 38 families
Q33) 12:50pm
Q34) 180 more 10-cent coins
Q35) 2m 28cm

Downloaded from SingaKids.com

Section C

Q36) a) 807 – 155 = 652
652 ÷ 2 = 326 (Ans)
b) 326 + 155 =481 (Ans)

Q37) 5 x 3 = 15
45 + 15 = 60
60 ÷ 5 = 12kg (Ans)

Q38) $29 - $21 = $8
$8 ÷ 2 = $4 (Ans)

Q39) a) 2300 + 900 = 3200ml = 3L 200ml (Ans)
b) 5000 – 3200 = 1800ml = 1L 800ml (Ans)

Q40) 2cm x 2cm = $4cm^2$
$4cm^2$ x 4 = $16cm^2$
16cm x 6cm = $96cm^2$
$96cm^2 - 16cm^2 = 80cm^2$

Downloaded from SingaKids.com