



Pei Hwa Presbyterian Primary School
First Semestral Assessment (SA1) 2011
Mathematics
Primary 3
(Time: 1 hour 45 min)

Total	100
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Name: _____ () Class: Primary 3 Responsibility ()

Date : _____ Parent's Signature: _____

Section A: Multiple Choice Questions (20 X 2 = 40 marks)

Choose the correct answer and write its number (1, 2, 3 or 4) in the brackets provided.

1. What does the digit '5' in the number 9835 stand for?

- (1) 5 (2) 50
(3) 500 (4) 5000 ()

2. 7506 is $7000 + 6 +$ _____

- (1) 506 (2) 500
(3) 50 (4) 6 ()

3. Complete the number pattern.

4589, 4489, 4389, _____, _____

- (1) 4389, 4289 (2) 4289, 4189
(3) 4089, 3889 (4) 4279, 4269 ()

4. $9900 - 6987$ is _____

(1) 1989

(2) 2812

(3) 2827

(4) 2913

()

5. 5868 is _____ more than 4869.

(1) 1099

(2) 1000

(3) 999

(4) 997

()

6. The difference between 70 hundreds and 45 hundreds is _____.

(1) 20 tens

(2) 30 tens

(3) 25 hundreds

(4) 35 hundreds

()

7. The difference between 43 hundreds and _____ is 303 tens.

(1) 127 ones

(2) 127 tens

(3) 127 hundreds

(4) 127 thousands

()

8. $2358 + 5689$ is _____

(1) 7938

(2) 8038

(3) 8047

(4) 8049

()

9. $98 \times 0 = \underline{\hspace{2cm}}$.

(1) 0

(2) 98

(3) 980

(4) 9800

()

10. What is the value of 82×3 ?

(1) 164

(2) 236

(3) 245

(4) 246

()

11. How many threes are there in 30?

(1) 9

(2) 30

(3) 3

(4) 10

()

12. Mrs Lee bought 58 stalks of flowers. If she bundled the stalks of flowers into groups of 6, how many stalks of flowers were left over?

(1) 10

(2) 8

(3) 6

(4) 4

()

13. Ali has 5 times as many chocolate bars as Kate. If Kate has 15 chocolate bars, Ali has _____ chocolate bars.

(1) 5

(2) 55

(3) 75

(4) 105

()

14. $28 \times 3 = 2 \times \underline{\hspace{2cm}}$

(1) 28

(2) 42

(3) 64

(4) 84

()

15. $36 \div 4 = \underline{\hspace{2cm}}$

(1) 9

(2) 2

(3) 3

(4) 6

()

16. What is the quotient and remainder of $808 \div 7$?

(1) 115 R3

(2) 115 R5

(3) 116 R 3

(4) 116 R 13

()

17. Express \$40.75 in words.

(1) Forty hundred dollars and seventy-five cents

(2) Forty dollars and seventy-five cents

(3) Forty dollars and seventy cents

(4) Forty dollars and seven cents

()

18. Express 9500¢ in dollars.

(1) \$9500

(2) \$950

(3) \$95

(4) \$9.50

()

19. Subtract \$20.10 from the sum of \$30.50 and \$13.70.

- (1) \$20.10 (2) \$24.10
- (3) \$44.10 (4) \$44.20 () .

20. John has five 5¢ coins in his pocket. May has twice as many 5¢ coins as John.
How much does May have?

- (1) 5 ¢ (2) 10 ¢
- (3) 25 ¢ (4) 50 ¢ ()

Section B: (10 x 2 = 20 marks)

Solve each of the following problems.

Show all your working and statements clearly. Write your answers in the spaces provided.

21. Write 5 thousands 8 tens in numerals.

Answer: _____

22. Write 7896 in words.

23. What is the value of the digit '4' in the sum of $569 + 869$?

Answer: _____

24. 1505 passengers are on board Hengli flight. 1000 more passengers are on board Jiali flight. How many passengers are there altogether on both flights?

Answer: _____

25. Faith and Esther have 1596 sweets altogether. Faith has 532 fewer sweets than Esther. If Faith gives away 50 sweets, how many sweets is Faith left with?

Answer: _____

26. Ken and Kasi had an equal number of stickers. Ken then gave 30 stickers to Kasi. How many more stickers did Kasi have than Ken?

Answer: _____

27. Look at the pattern shown below.

How many black and white triangles are there in Figure 5?



Figure 1



Figure 2

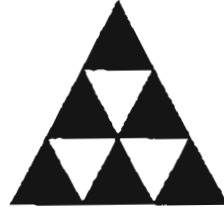


Figure 3



Figure 4

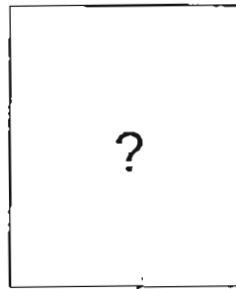


Figure 5

Answer: _____ black triangles

_____ white triangles

28. A set of four pens costs \$4. 2 extra pens will be given free for each set bought.

John paid a total of \$16. How many pens will he get?

Answer: _____

29. A number when divided by 6 gives a quotient of 85 with no remainder. What is the number?

Answer: _____

30. $7 + 7 + 42$ is the same as _____ $\times 8$.

Answer: _____

31. Miss Su is 27 years old. She is 3 times as old as Rachel. What is their total age?

Answer: _____

32. There are 400 cherries in a basket. 4 worms start eating on the cherries at the same time. If each worm takes 2 days to eat 50 cherries, how many days are needed for all the cherries to be eaten by the worms?



Answer: _____

33. Cha Cha has \$ 200. She has only ten-dollar and five-dollar notes.

If she has 16 ten-dollar notes, how many five-dollar notes does she have?

Answer: _____

34. Kenny adds 300 to a number. The sum is 6 times as much as 747.
What is the number?

Answer: _____

35. A two-digit number is divisible by 8 and 6. The number is between 40 to 55.
What is the number?

Answer: _____

36. What is the difference between the product of 88 and 7 and the product of 99 and 6?

Answer: _____

37. Mrs Tan needed 8 stickers to make a picture collage. If she used a total of 480 stickers,
how many picture collages did she make?

Answer: _____

38. Mr Lim planted some sunflowers in his garden. The sunflowers were planted the same distance apart in a straight row. The total distance covered from the first sunflower to the ninth sunflower was 80m. What was the distance between the fourth and the sixth sunflower?

Answer: _____ m

39. Mrs Lee strings 10 pink gemstones with 3 brown beads to make a necklace. After making 2 such necklaces, Mrs Lee has 2 pink gemstones and 4 brown beads left. How many pink gemstones and brown beads does she have at first?

Answer: _____ pink gemstones

_____ brown beads

40. A bus was always at its full capacity with 57 children on board. ~~At some bus stops, some children alighted and boarded the bus. At the last stop, the bus had 15 more girls than boys.~~ ^{If there were} ~~How many girls were there at the last stop?~~ ^{on the bus}



Answer: _____

Section C: (5 x 4 = 20 marks)

Solve each of the following problems. Show all your working and Statements clearly.
Write your answers in the spaces provided.

Working

41. Bob printed 506 postcards. When he bundled the postcards into packs of 4, there were some postcards leftover.
- a) How many packs of postcards did Bob have?
 - b) How many postcards were leftover?

42. Rachel picked 3 buckets of cherries from a cherry farm.
- The second bucket had twice as many cherries as the first bucket.
- The third bucket had thrice as many cherries as the second bucket.
- How many cherries did Rachel pick altogether if she had 121 cherries in the first bucket?



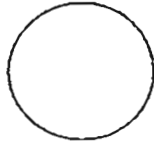
Working

43. John and his 2 friends went to a Japanese restaurant to have a sushi meal.
They took a total of 3 square plates, 5 round plates and 6 triangular plates of sushi.
How much did they spend altogether?

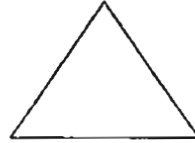
\$1.40
Square plate



\$1.90
Round plate



\$2.50
Triangular plates



Working

44. Mr Goh sold only mango juice and watermelon juice in his stall.
He sold 156 more glasses of mango juice than watermelon juice on Tuesday.
If Mr Goh sold 350 glasses of mango juice on Tuesday, how many glasses of juices
did he sell that day?



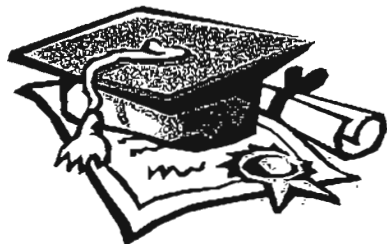
Working

45. Mrs Pooh bakes some small cupcakes to give to her class. If she gives 2 cupcakes to each pupil, she will have 17 extras. If she gives 5 cupcakes to each pupil, she will need 4 more. How many cupcakes has Mrs Pooh baked?



Working

End of paper
Check your answers again.

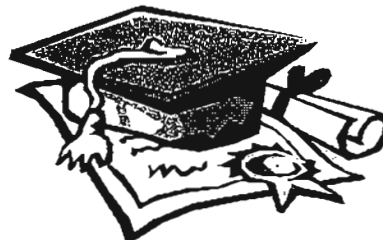


ANSWER SHEET

EXAM PAPER 2011

SCHOOL : PEI HWA
SUBJECT : PRIMARY 3 MATHEMATICS

TERM : SA1



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

Q18	Q19	Q20
3	2	4

- 21)5080 22)Seven thousand, eight hundred and ninety-six 23)400
- 24)4010 25)482 26)60 27)15, 10 28)24 29)510
- 30)7 31)36 32)4 33)8 34)4182 35)48
- 36)22 37)60 38)20 39)22 , 10 40)36

- 41)a) $506 \div 4 = 126 \text{ R}2$
Bob have 126 postcards.
b)2 postcards were left over.

- 42) $121 \times 2 = 242$
 $242 \times 3 = 726$
 $121 + 242 + 726 = 1089$
Rachel picked 1089 cherries altogether.

- 43) $\$1.40 \times 3 = \4.20
 $\$1.90 \times 5 = \9.50
 $\$2.50 \times 6 = \9
 $\$9.50 + \$6.00 + \$4.20 = \28.70
The spend \$28.70 altogether.

- 44) $350 - 156 = 194$
 $194 + 350 = 544$
He sold 544 glasses of juice on that day.

- 45) $5 \times 2 = 10$
 $10 + 17 = 27$
 $27 + 4 = 31$
Mrs Pooh baked 31 cup cakes.