

METHODIST GIRLS' SCHOOL (PRIMARY)

Founded in 1887



PRIMARY 4 CONTINUAL ASSESSMENT 2010 MATHEMATICS

Total Time: 1 hour 10 minutes

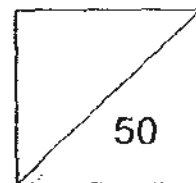
INSTRUCTIONS TO CANDIDATES

Do not turn over this page until you are told to do so.
Follow all instructions carefully.
Answer all questions.

Name: _____ ()

Class: Primary 4. _____

Date: 26 February 2010



This booklet consists of 10 printed pages.

SECTION A : MENTAL SUMS (5 marks)

- | | |
|----------|-----------|
| 1. _____ | 6. _____ |
| 2. _____ | 7. _____ |
| 3. _____ | 8. _____ |
| 4. _____ | 9. _____ |
| 5. _____ | 10. _____ |

SECTION B (15 marks)

Choose the correct answer and write its number in the brackets provided. Questions 11 to 15 carry 1 mark each while Questions 16 to 20 carry 2 marks each.

11. What is the value of the digit 2 in 45 291?
- (1) 20
 - (2) 2
 - (3) 200
 - (4) 2 000 ()
12. What is 36 996 when rounded off to the nearest ten?
- (1) 36 000
 - (2) 36 900
 - (3) 36 990
 - (4) 37 000 ()

13. Which one of the following gives the best estimate for 58×791 ?

(1) 50×700

(2) 50×800

(3) 60×700

(4) 60×800

()

14. When 87 is divided by a number, the quotient is 9 and the remainder is 6. What is the number?

(1) 6

(2) 7

(3) 8

(4) 9

()

15. Which one of the following is not a common factor of 24 and 36?

(1) 12

(2) 8

(3) 6

(4) 4

()

16. How many common multiples of 5 and 8 are 2-digit numbers?

(1) 1

(2) 2

(3) 3



(4) 4

()


17. Which one of the following is equal to 87 400?

- (1) 87 hundreds 40 tens
- (2) 80 thousands 74 tens
- (3) 87 thousands 40 hundreds
- (4) 80 thousands 74 hundreds

()

18. The symbols  and  below represent 2 different digits. The same symbol represents the same digit.

$$\begin{array}{r} \\ \\ \times \\ \hline \triangle \\ \hline \end{array}$$

What digit does the symbol  represent?

- (1) 7
- (2) 6
- (3) 5
- (4) 4

()

19. Marilyn was paid \$2 807 for working 7 months.
What is her salary per month?

(1) \$ 31

(2) \$ 41

(3) \$ 301

(4) \$ 401

()

20. 25×40 has the same value as $\times 10$.

What is the missing number in the box?

(1) 25

(2) 100

(3) 250

(4) 254

()

SECTION C (10 marks)

Write your answers in the boxes provided. Each question carries 1 mark.

21. What is the missing number in the number pattern?

3 765, 3 767, 3 771, , 3 785, 3 795

22. List **all** the common factors of 8 and 12.

23. The **smallest** number when rounded off to the nearest ten gives a value of 250. What is **this** number?

24. Find the sum of 3 968 and 2 985.
Round off your answer to the nearest hundred.

For questions 25 to 27, refer to the table below.

There are 80 pupils in a Math Club.

The pupils were asked to answer four questions in a Math quiz.



The table shows the number of correct answers obtained by the pupils.


Total number of correct answers	0	1	2	3	4
Number of pupils	?	9	36	14	15

25. How many pupils **did not** get any correct answers in the Math quiz?

26. How many pupils have **at least 2** correct answers?

27. How many **more** pupils have 3 or more correct answers than 1 correct answer?

28.  ×  = 32 hundreds

What is the value of  if  = 8?

29. 21 and 42 are common multiples of 3 and a whole number, Z. Z is a 1-digit number. What is Z?

30. Gabrielle has to climb 14 steps to get from one storey to another storey. How many steps does she have to climb to get from the third storey to the tenth storey?

SECTION D (20 marks)

For questions 31 to 35, show your working clearly in the space below each question and write your answers in the spaces provided. The number of marks available is shown in brackets [] at the end of each question or part-question.

31. Mrs Shanti bought 144 boxes of noodles.
There are 8 packets of noodles in each box.
- a) How many packets of noodles did she buy?
 - b) She repacked the noodles into bags of 6 each, to be sold at a funfair. If each bag of noodles cost \$15, how much money did she collect at the funfair?

Ans: a) _____ [1]

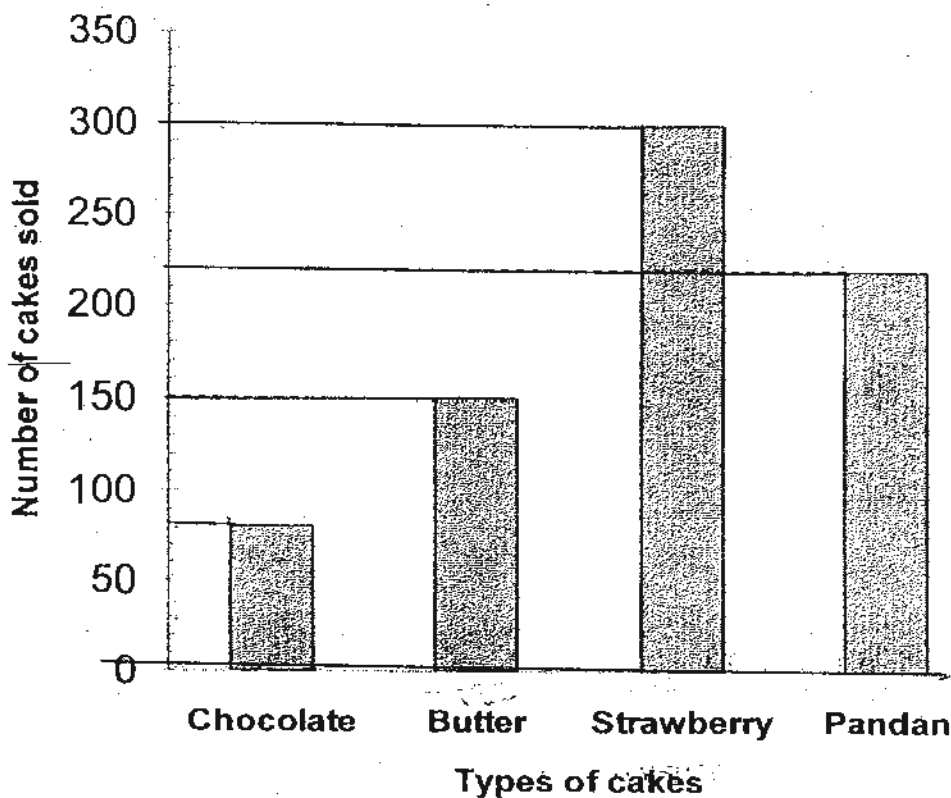
(b) _____ [3]

32. Jason bought one pair of pants at \$124 and 2 hats at \$78 each.
If he had \$450 at first, what is the maximum number of t-shirts he can buy with the remaining money if each t-shirt cost \$8?

Ans: _____ [4]

For questions 33(a) and 33(b), refer to the table below.

33. The graph below shows the four types of cakes sold by Mrs Ho on Christmas Eve.



a) How many more strawberry cakes than butter cakes were sold on that day?

b) A chocolate cake costs \$9 and a pandan cake costs \$2.
How much did Mrs Ho collect on that day from the sale of chocolate cakes and pandan cakes?

Ans: (a) _____

(b) _____

34. 3 handbags and 3 belts cost \$1422.
The cost of 1 belt is half the cost of 1 handbag.
Find the cost of 1 handbag.

Ans: _____ [4]

35. Karen had \$40 more than Ali.
After Karen bought a dress for \$180 and Ali bought a tennis racket for \$200, Karen had twice the amount of money Ali had.

Ans: _____ [4]

ANSWER SHEET

EXAM PAPER 2010

**SCHOOL: METHODIST GIRLS' SCHOOL
SUBJECT: PRIMARY FOUR MATHEMATICS**

TERM : CONTINUAL ASSESSMENT 1

- 1)80 2)4060 3)ten thousands 4)74 700 5)3
6)7 7)16 8)106 9)300m 10)45 pupils

Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20
3	4	4	4	2	2	4	1	4	2

- 21)3777 22)1, 2 and 4 23)245 24)7000
25)6 26)65 27)20 28)400
29)7 30)98

<p>31) $144 \times 8 = 1152$ $1152 \div 6 = 192$ $192 \times \\$15 = \\2880</p> <p>a) She bought 1152 packets. b) She collected \$2880.</p>	<p>32) $78 \times 2 = 156$ $124 + 156 = 280$ $450 - 280 = 170$ $170 \div 8 = 21 \text{ R}2$ 21 R2 round off to 21</p> <p>He can buy 21 shirts.</p>
<p>33)a) $300 - 150 = 150$ There are 150 more butter cakes than strawberry cakes sold on that day.</p> <p>c) $80 \times 9 = 720$ $220 \times 2 = 440$ $720 + 440 = 1160$</p> <p>Mrs. Ho collected \$1160.</p>	<p>34) $1422 \div 9 = 158$ $158 \times 2 = 316$</p> <p>The cost of 1 handbag is \$316.</p>
<p>35) $200 - 140 = 60$ $60 \times 2 = 120$ $120 + 80 = 300$</p> <p>Karen has \$300 at first.</p>	