METHODIST GIRLS' SCHOOL (Primary)
2009 Continual Assessment 1
Primary 5

MATHEMATICS

PAPER 1
(BOOKLET A)

Name: _____ ( )

Class: P 5. _____

Booklet A (20)	

Total time for Booklets A and B: 50 min

Do not turn over this page until you are told to do so.

Follow all instructions carefully.

Answer all questions.

You are **not** allowed to use a calculator.

This booklet consists of 6 printed pages.

Questions **1** to **10** carry 1 mark each. Questions **11** to **15** 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 Answer Sheet. (20 marks)

1. The digit 7 has the greatest value in _____.

   (1) 7 098
   (2) 89 703
   (3) 142 875
   (4) 5 673 200

2. In 781 920, the digit **8** is in the _____ place.

   (1) thousands
   (2) ten thousands
   (3) hundred thousands
   (4) millions

3. Mr Raja bought a grand piano for $23 792. What was the amount he paid, rounded off to the nearest $1000?

   (1) $20 000
   (2) $23 000
   (3) $24 000
   (4) $30 000

4. What is the missing number in the box?

$$\frac{4}{11} + \frac{3}{11} + \frac{3}{11} = \boxed{} \times \frac{1}{11}$$

   (1) 6
   (2) 7
   (3) 10
   (4) 11

Go to Page 3

5. 4 boys share 5 pizzas equally. How many pizzas did each boy get?

(1) $\frac{4}{5}$

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

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

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

6. Find the value of $\frac{2}{3} \times \frac{9}{16}$.

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

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

(3) $\frac{3}{8}$

(4) $\frac{4}{9}$

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

(1) $\frac{2}{9}$

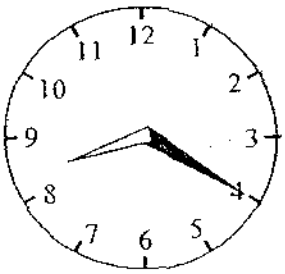
(2) $\frac{4}{15}$

(3) $\frac{7}{18}$

(4) $\frac{6}{21}$

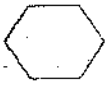
Go to Page 4

8. What is the actual time if the time shown on the clock is 15 minutes faster?



(1) 8.05 a.m.
(2) 8.20 a.m.
(3) 8.35 a.m.
(4) 8.45 a.m.

9. Which of the following shapes cannot be tessellated?

(1) 

(2)

(3)

(4)

10. What is the value of $120 - 60 \div (15 \times 4) + 4 - 2$?

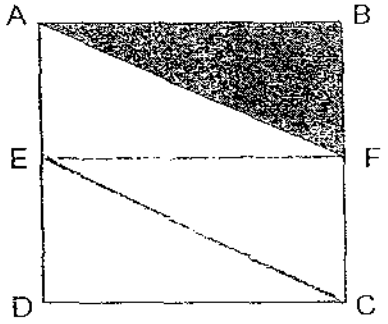
(1) 18
(2) 121
(3) 3
(4) 106

Go to Page 5

11. The sum of two numbers is 134. The difference between the two numbers is 46. Find the **smaller** number.

(1) 43
(2) 88
(3) 91
(4) 90

12. Points E and F are mid-points of the square ABCD as shown in the figure below. What fraction of ABCD is shaded?



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

13. Mrs Tan bought $\frac{4}{5}$ kg of beef. She used $\frac{3}{4}$ kg to make beef patties. How many kilograms of beef was left?

(1) $\frac{1}{20}$
(2) $\frac{1}{9}$
(3) $\frac{1}{5}$
(4) $\frac{7}{20}$

Go to Page 6

14. How many sixths are there in $2\frac{2}{3}$?

(1) 8
(2) 12
(3) 15
(4) 16

15. 4 oranges cost \$1.50. Mrs Lee bought 20 oranges. How much change would she receive if she gave the cashier a \$50-note?

(1) \$7.50
(2) \$20.00
(3) \$42.50
(4) \$43.00

End of Paper

METHODIST GIRLS' SCHOOL (Primary)
2009 Continual Assessment 1
Primary 5

MATHEMATICS

PAPER 1
(BOOKLET B)

Name: _____ ( )

Class: P 5. _____

Booklet B (20)	

Total time for Booklets A and B: 50 min

Do not turn over this page until you are told to do so.

Follow all instructions carefully.

Answer all questions.

You are **not** allowed to use a calculator.

This booklet consists of 6 printed pages.

Questions **16** to **25** carry 1 mark each. Write your answers in the spaces provided.
For questions which require units, give your answers in the units stated.

(10 marks)

---

16. Write **eight million, eighty thousand and fifty** in numerals.

Ans: _____

17. What is the quotient when 1 269 000 is divided by 3000?

Ans: _____

18. $399 \times 99 = 399 \times 100 - \boxed{}$

What is the missing number in the box?

Ans: _____

Go to Page 3

19. How many hundred thousands are there in 1 million?

Ans: _____

20. The population of a town is 653 802. Express the population to the nearest thousand.

Ans: _____

21. 42 pupils from class 5A and 43 pupils from class 5B are going to the Science Centre by small buses. Each small bus can take 15 pupils only. What is the smallest number of buses needed to ferry the pupils?

Ans: _____

22. Express 0.075 as a fraction in its simplest form.

Ans: _____

Go to Page 4

23. A garden occupies $\frac{2}{5}$ of a plot of land.
$\frac{1}{3}$ of the garden is used for growing roses.
What fraction of the land is used for growing roses?

Ans: _____

24. Find the value of $\frac{4}{9} \div 12$.
Express your answer in the simplest form.

Ans: _____

25. A show started at 6.45 p.m. and ended 1 hour and 40 minutes later.
At what time did the show end?

Ans: _____ p.m.

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Questions **26** to **30** 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.

(10 marks)

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26. Complete the following number pattern:

1, 4, 9, _____, 25, 36, _____

Ans: _____, _____

27. Find the sum of 8 ones, 8 tens, 80 hundreds and 400 thousands.

Ans: _____

28. Find the value of $3\frac{2}{3} + 2\frac{5}{9}$.

Ans: _____

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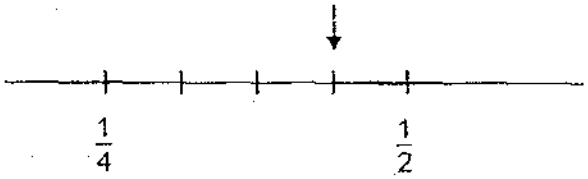
29. What is the fraction indicated by the arrow?



Ans: _____

30. If $\frac{1}{6}$ of a number is 8, what is half of the number?

Ans: _____

End of Paper

METHODIST GIRLS' SCHOOL (Primary)
2009 Continual Assessment 1
Primary 5

Mathematics

PAPER 2

Name: _____ ( )

Class: P 5. _____

Time: 1h 40min

Paper 1 Booklet A (20)	
Paper 1 Booklet B (20)	
Paper 2 (60)	
Total: (100)	

Do not turn over this page until you are told to do so.

Follow all instructions carefully.

Answer all questions.

Show your working clearly as marks are awarded for correct working.

Write your answers in this booklet.

You are allowed to use a calculator.

This booklet consists of 10 printed pages.

Questions 1 to 5 carry 2 marks each. Show your working clearly in the space provided for each question and write your answers in the spaces provided.
For questions which require units, give your answers in the units stated.

(10 marks)

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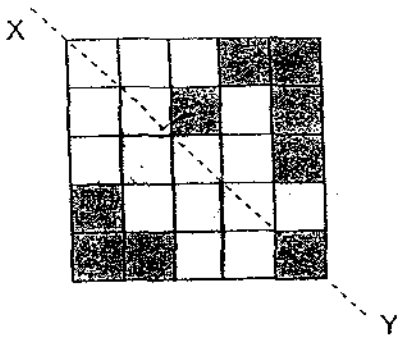
1. There was an equal number of tarts and pies in a shop. After 27 tarts had been sold, 4 times as many pies as tarts were left. What was the total number of tarts and pies in the shop at first?

Ans: _____

2. Ben has four times as many stamps as James. How many stamps must Ben give to James so that they each will have 130 stamps?

Ans: _____

3. Shade 2 more squares to complete the figure with line XY as the line of symmetry.



Go to Page 3

Use the table below to answer questions 4 & 5.

The table below shows the number of storybooks read by a group of pupils in a Primary 5 class.

Number of storybook(s)	Number of pupils
1	17
2	13
3	8
4	4

4. What was the total number of storybooks read by the pupils in this Primary 5 class?

Ans: _____

5. What fraction of the pupils read **more than 2 books**?
(Express *your answer in its simplest form.*)

Ans: _____

Go to Page 4

For questions **6** to **18**, show your working clearly in the space provided for 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.

(50 marks)

6. Mrs Lim bought $2\frac{1}{2}$ m of ribbon. She used $\frac{3}{8}$ m to tie a parcel and another $1\frac{1}{4}$ m to decorate a notice board. How many metres of ribbon did Mrs Lim have left?

Ans: _____[3]

7. 2 shirts and 3 pairs of trousers cost \$144. If a pair of trousers costs twice as much as a shirt, find the total cost of 5 shirts and 4 pairs of trousers.

Ans: _____[3]

Go to Page 5

80

8. 5 years ago, Mrs Chen was five times as old as her son.
Now, the sum of their ages is 52 years old. How old is Mrs Chen now?

Ans: _____ [3]

9. A bottle has a mass of 1 725 g when it is $\frac{5}{6}$ filled with oil. The same bottle has a mass of 525 g when it is $\frac{1}{6}$ filled with oil. Find the mass of the empty bottle.

Ans: _____ [3]

10. There are 760 green beads, 650 blue beads and some red beads in a box.
The number of red beads is $\frac{1}{7}$ of the total number of beads in the box.
Find the total number of beads in the box.

Ans: _____ [3]

Go to Page 6

11. Mr Lim sold 265 durians on Monday. He sold $\frac{2}{5}$ of the remainder on Tuesday and had 183 durians left. How many durians did he have at first?

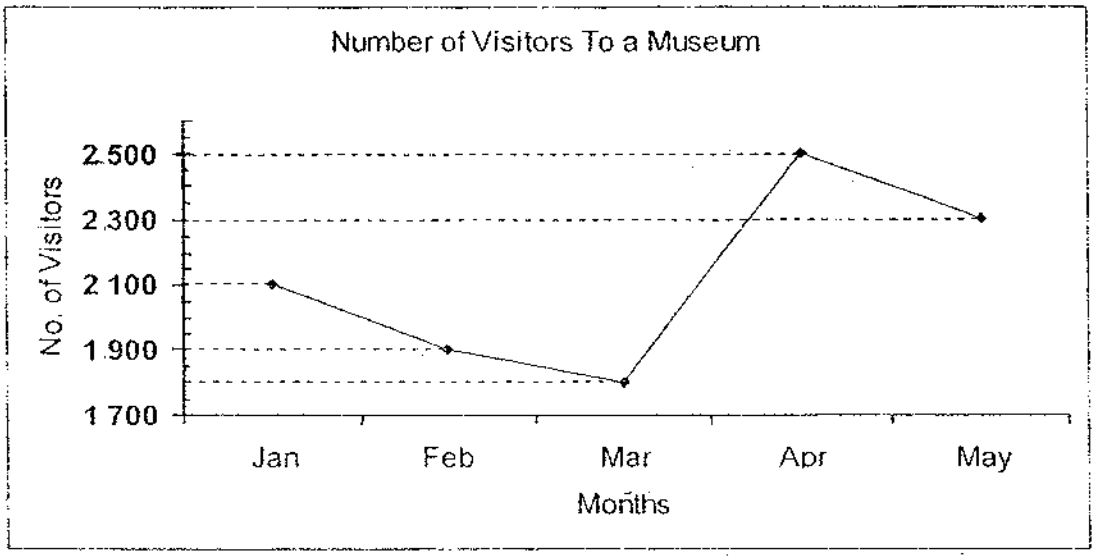
Ans: _____ [4]

12. Mr Ahmad had $10\frac{5}{8}$ kg of flour. He packed them equally into 17 bags.
He sold 7 bags of the flour and repacked the remaining flour into 25 smaller packets.
What was the mass of flour in each small packet?
(Give your answer in grams)

Ans: _____ [4]

Go to Page 7

13. The line graph below shows the number of visitors to a museum for 5 months.



(a) Between which two months did the number of visitors increase the most?

(b) How many **more** visitors were there in May than in March?

(c) (i) What was the decrease in the number of visitors from January to February?

(ii) Between which two months was the decrease the same as from January to February?

Ans: (a) _____ and _____ [1]

(b) _____ [1]

(c)(i) _____ [1]

(ii) _____ and _____ [1]

Go to Page 8

14. A packet of balloons is to be shared among a group of children. If each child gets 3 balloons, there will be 15 balloons left. If each child gets 4 balloons, there will be 20 balloons short.

(a) How many children are there altogether?
(b) How many balloons are there in the packet?

Ans: (a) _____ [2]

(b) _____ [2]

15. Mark bought a box of pens. $\frac{1}{5}$ of the pens were red pens and the rest were black pens. He gave away $\frac{1}{2}$ of the red pens and $\frac{3}{8}$ of the black pens and had 168 pens left. How many black pens were there in the box at first?

Ans: _____ [4]

Go to Page 9

SH

16. There are some $5 and $2 notes in a wallet. There are 9 more $2 notes than $5 notes in the wallet. The total value of the money in the wallet is $186. What is the difference in the total amount between the $2 notes and the $5 notes?

Ans:_____[5]

17. Susan gets $3 more pocket money than Lynna each week. They each spend $14 per week on food and save the rest. When Susan saves $54, Lynna only saves $36. How much pocket money does Lynna get each week?

Ans:_____[5]

Go to Page 10

18.Mrs Raja had some buttons. She bought another 47 buttons. She divided all the buttons equally into 5 boxes. She than used 140 buttons for some shirts and her sister also took one box of buttons. If she had 224 buttons left, how many buttons did she have at first?

Ans: _____[5]

End of paper

ANSWER SHEET

EXAM PAPER 2009

SCHOOL : M G S PRIMARY SCHOOL
SUBJECT : PRIMARY 5 MATHEMATICS

TERM : CA 1

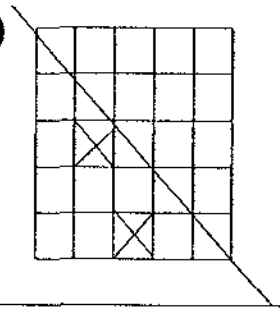
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
4	2	3	3	3	3	3	1	2	2	1	2	1	4	3

16)8080050 17)423 18)399 19)10 20)654000

21)6 22)3/40 23)2/15 24)1/27 25)8.25p.m.

26)16,49 27)408088 28)6 2/9 29)7/16 30)24

Paper 2

1)27÷3=9 **5x9=45** **45+27=72**	**2)130÷5=26** **26x3=78**
3) 	**4)17x1=17** **13x2=26** **8x3=24** **4x4=16** **17+26+24+16=83**
5)8+4=12 **17+13+8+4=42** $\frac{12}{42} = \frac{2}{7}$	**6)3/8+1 ¼=1 5/8** **2½- 1 5/8 = 7/8** **Mrs Lim had 7/8m of ribbon left.**

7)3x2=6 6+2=8 $144÷8=$18 5x$18=$90 4x2=8 8x$18=$144 $144+$90=$234 The total cost is $234	8)42÷6=7 7x5=35 35+5=40 Mrs Chen is 40 years old now
9)1725-525=1200 1200÷4=300 300x5=1500 1725-1500=225 The mass of the empty bottle is 225g.	10)1- 1/7=6/7 760+650=1410 1410÷6=235 235x7=1645 The total number of beads is 1645.
11)1- 2/5=3/5 183÷3=61 61x5=305 305+265=570 Mr Lim had 570 durians at first.	12)10 5/8kg÷17=5/8kg 5/8kgx7=4 3/8kg 10 5/8kg-4 3/8kg=6¼kg 6¼kg÷25= ¼ kg =0.25kg=250g The mass of flour in each small packet is 250g.

13)a)2500-1800=700
Between March and April, the number of visitors increased the most.
b)2300-1800=500
The decrease of number of visitors was 500.
c)i)2100-1900=200
The decrease in number of visitors was 200.
ii)2500-2300=200
Between April and May, the decrease was the same.

14)a)35x3=105 105+15=120 35x4=140 140-20=120 There are 35 children. b)There are 120 balloons.	15)168÷6=28 8x28=224 There were 224 black pens in the box at first.
16)130-66=54 The difference is $54	17)54-36=18 18÷3=6 1 wk spent→$14 Saved→36÷6=16 Total pocket money →$14+$6 =$20
18)224+140=364 364÷4=91 91x5=455 455-47=408 She had 408 buttons at first.	