

Methodist Girls' School (Primary)

End-of-Year Examination 2005

Primary Three

Mathematics

Name : _____ ()

Class : Pr 3 _____

Marks : _____

Section A (20 x 2marks)

Read each question carefully. Choose the correct answer and write its number in the brackets provided.

1. $53\ 028 = \underline{\hspace{2cm}} + 3\ 000 + 20 + 8$
What is the missing number in the blank?

(1) 500
(2) 5 000
(3) 50 000
(4) 500 000 ()

2. Which number is 200 more than 4 832?

(1) 4 632
(2) 4 852
(3) 5 032
(4) 6 882 ()

3. What is the product of 235 and 7?

(1) 1 415
(2) 1 645
(3) 1 745
(4) 2 357 ()

4. There are 380 members in a karate club. 214 of them are boys. How many more boys than girls are in the club?

(1) 48
(2) 58
(3) 148
(4) 166 ()

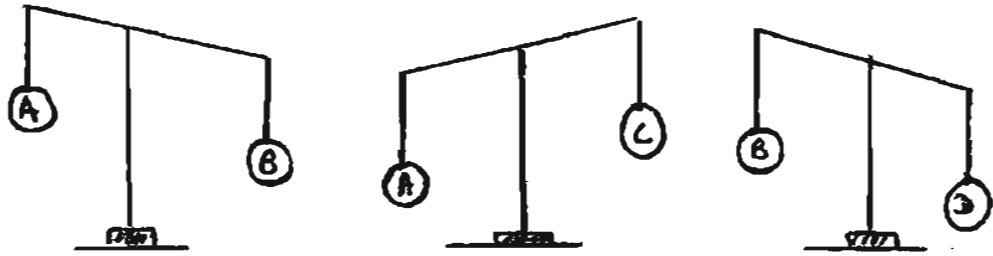
5. How many metres are there in 2 km 20m?

(1) 200 m
(2) 2 002 m
(3) 2 020 m
(4) 2 200 m ()

6. A tailor had 6m of cloth. He used half of it to make a gown and 1m 30cm to make a pair of trousers. What was the length of cloth that was left?
- (1) 3 m
 (2) 1m 70cm
 (3) 2m 30cm
 (4) 2m 70cm

()

7. Which of the following is the lightest?



- (1) A
 (2) B
 (3) C
 (4) D

()

8. The table below shows the capacities of 4 containers. Which container holds the least amount of water?

Container A	2 1 830 ml
Container B	2 1 83 ml
Container C	2 803 ml
Container D	2 308 ml

- (1) Container A
 (2) Container B
 (3) Container C
 (4) Container D

()

9. Mr Lim had a jug containing 2 litres of oil. He filled 6 bottles to the brim with the oil. Each bottle had a capacity of 225 ml. How much oil was left in the jug?

- (1) 650 ml
- (2) 750 ml
- (3) 1 l 350 ml
- (4) 1 l 650 ml

10. The table below shows the time taken by 4 runners to complete a race. Who came in second in the race?

Alice	1 min 22s
Betty	58 s
Cathy	58 s
Dorothy	1 min 10 s

- (1) Alice
- (2) Betty
- (3) Cathy
- (4) Dorothy

()

11. How many months are there in 3 years 6 months?

- (1) 24
- (2) 30
- (3) 36
- (4) 42

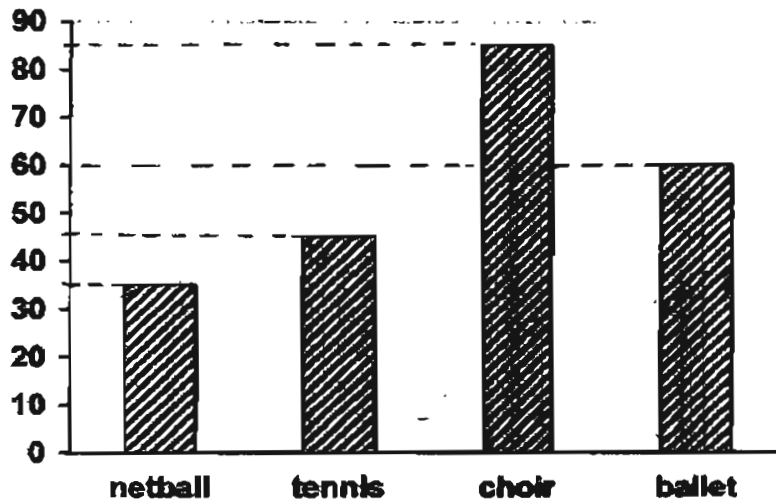
()

12. What is the difference between \$60 and 55 cents?

- (1) \$5.00
- (2) \$55.45
- (3) \$59.45
- (4) \$60.55

()

Look at the graph below and answer questions 13 & 14.
The graph below shows the number of children in different CCA groups.



13. How many children chose netball as CCA?

- (1) 35
- (2) 45
- (3) 60
- (4) 85

()

14. How many more children prefer choir to ballet as a CCA?

- (1) 10
- (2) 25
- (3) 60
- (4) 85

()

601

15. Which one of the following figures has $\frac{1}{5}$ of it shaded?

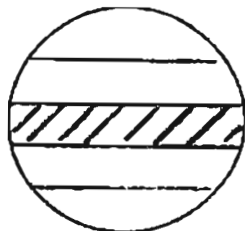


Figure A

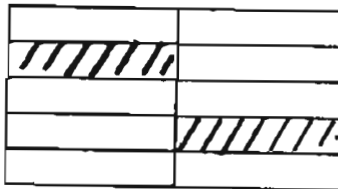


Figure C

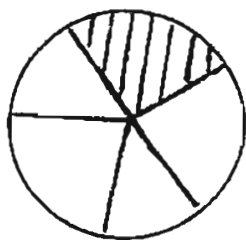


Figure B

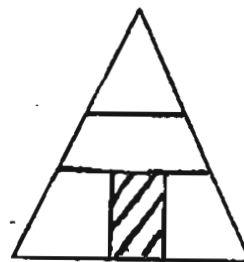


Figure D

- (1) A
- (2) B
- (3) C
- (4) D

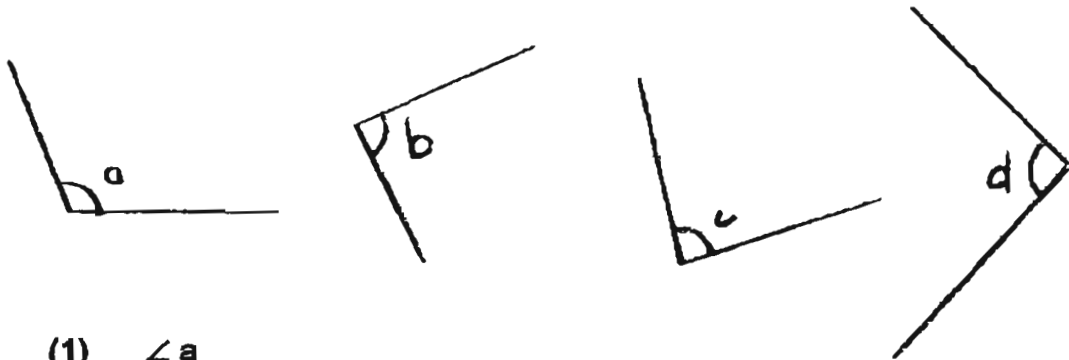
()

16. Which one of the following is equivalent to $\frac{3}{9}$?

- (1) $\frac{5}{15}$
- (2) $\frac{9}{12}$
- (3) $\frac{3}{15}$
- (4) $\frac{2}{3}$

()

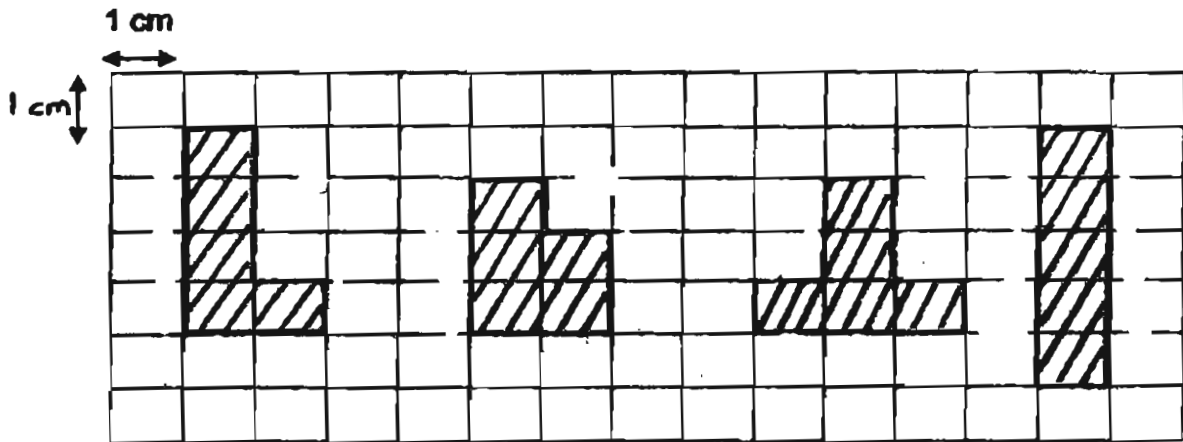
17. Which one of the following angles is less than 90° ?



- (1) $\angle a$
- (2) $\angle b$
- (3) $\angle c$
- (4) $\angle d$

()

18. Which one of the following figures has the shortest perimeter?



A

B

C

D

- (1) A
- (2) B
- (3) C
- (4) D

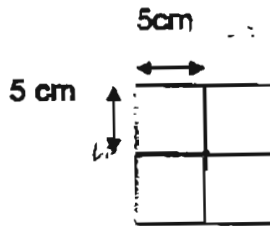
()

19. A ballpoint pen costs 60 cents. A notebook costs three times as much. What is the total cost of 1 notebook and 1 ballpoint pen?

- (1) \$1.80
- (2) \$2.40
- (3) \$3.60
- (4) \$4.20

()

20. The figure below is made up of 4 similar squares. What is the area of the figure?



- (1) 20 cm²
- (2) 25 cm²
- (3) 40 cm²
- (4) 100 cm²

()

64

Section B (20 x 2 marks)

Write your answers in the boxes provided. Show your working clearly in the space provided.

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

2 485, 2 370, _____, 2 140, 2 025, 1 910

22. What is the greatest 4-digit odd number that can be formed from the digits 3, 2, 5, 8?

23. 6 girls shared the cost of a present equally. The present cost \$786. How much did each girl have to pay?

\$

24. Siti has 432 stickers. She has 3 times as many stickers as Gopal. How many stickers does Gopal have?

25. I think of a number. It is more than 20 but less than 45. It can be divided by 3 or 5 without any remainder. What is this number?

26. There are three 50-cent coins, seven 20-cent coins and six 5-cent coins in Ali's coin box. How much money is in the coin box?

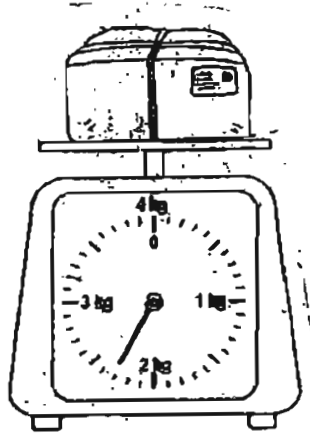
\$

27. The mass of a chicken is 1 kg 250 g. The duck is heavier than the chicken by 550g. What is the total mass of the chicken and the duck?

kg

g

28. What is the mass of the parcel?



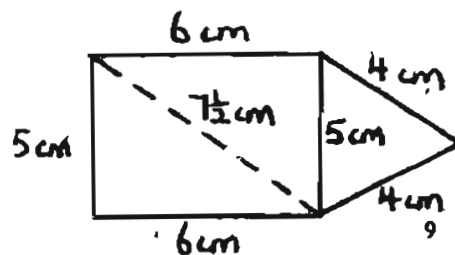
kg

g

29. What is the area of a square of side 7cm?

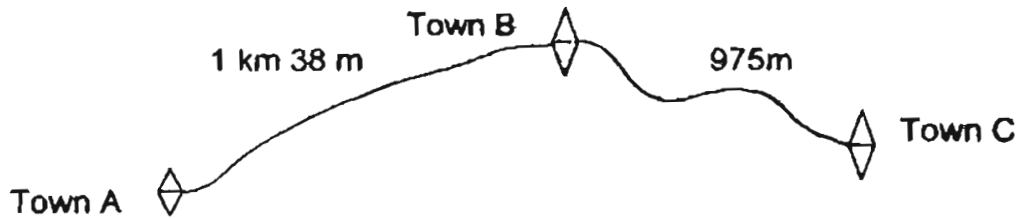
cm²

30. The figure below is made up of a rectangle and a triangle. What is its perimeter?



cm

Look at the diagram below and answer questions 31 & 32.



31. Mr Lim drove from Town A to Town C passing through Town B. What was the distance covered?

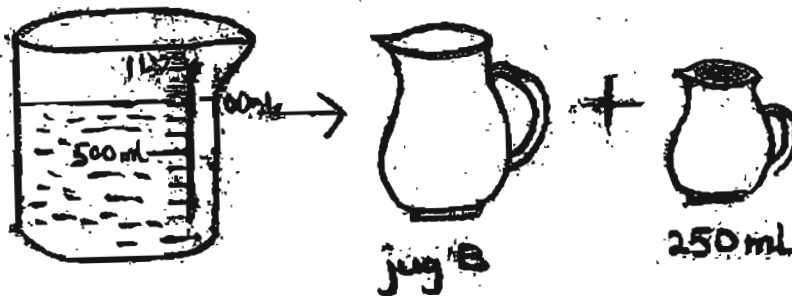
km	m
----	---

32. Johnny lives in Town B. Which town is nearer to his home? How much nearer?



Town

m

33. Mary emptied a beaker of water into two jugs. How much water is in jug B?

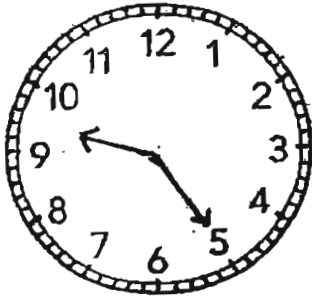


ml

34. If  represent 6 people, how many people would be represented by  ?

--

35. The clock is 10 minutes slow. What is the correct time?



36. The movie 'Charlie and the Chocolate factory' was 1h 55 min long. The show ended at 10.10p.m. What time did the show begin?

37. How many right angles are there in the figure below?



38. $\frac{3}{7} = \frac{6}{\square}$ What is the missing number in the box?

39. Shade $\frac{2}{3}$ of the figure below.



40. Arrange the following fractions in order, beginning with the smallest.

$$\frac{3}{10}, \frac{1}{2}, \frac{2}{5}$$

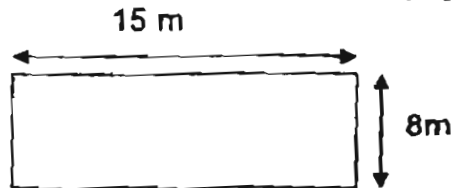


Section C (5 x 4 marks)

Work out the following sums. Show your working clearly.

41. There were 380 apples. 224 apples were red and the rest were green. If the green apples were put equally into 4 baskets, how many green apples were there in each basket?
42. Ming took 2 h 45 min to complete her homework. David took 35 min longer to complete his work.
- a) How long did David take to complete his work? (Give your answer in hours and minutes)
- b) If Ming had started work at 10.30 a.m., what time would she finish?

43. Mr Lim had a rectangular garden 15 m by 8 m. He wanted to put a fence round it. How much must Mr Lim pay if 1m of fence cost \$9?



44. A container has a capacity of $4 \frac{1}{50}$ ml. 3 beakers containing 150 ml of water each are emptied into the container. How much more water is needed to fill up the container? (Give your answer in l and ml)

45. Look at the advertisement below and complete the bill.

 <p>CALIFORNIA Artisan Floral Seedless Grapes</p> <p>52¢ 100g</p>	 <p>AUSTRALIA Late Late Orange Large</p> <p>\$3.65 1kg</p>	 <p>ZESPRI Gold Kiwifruit</p> <p>\$3.40 1kg</p>
 <p>CHINA Royal Cabbage</p> <p>8¢ 100g</p>	 <p>GREY Promfret Large U.R. Size</p> <p>\$1.09 100g</p>	 <p>SILVER POMFRET Medium</p> <p>\$4.95 1kg</p>

<p>NTUC Fairprice 32, Jurong Street 35 Singapore 609601</p>	
200g grapes	_____
2 silver pomfret	_____
Total	_____
Cash received	\$10.00
Change due	_____

SA2

Methodist Girls Primary School
Primary 3 Maths SA2 Exam (2005)



Answer Sheets

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

- 21. 2255
- 22. 8523
- 23. \$13
- 24. 144
- 25. 30
- 26. \$3.20
- 27. 3kg 50g
- 28. 2kg 300g

- 31. 2km 13m
- 32. Town C, 63m
- 33. 550ml
- 34. 15
- 35. 9.35
- 36. 8.15pm
- 37. 1
- 38. 14

29. 49cm^2

39.

--	--	--	--	--	--	--	--	--	--

30. 25cm

40. $\frac{3}{10}, \frac{2}{5}, \frac{1}{2}$

53

41. 39 Green apples in each basket.
- 42a. Daud take 3 hours 20 minutes to complete his work.
- 42b. She would finish her work by 1.15pm
43. He must pay \$414 if 1m of fence cost \$9.00
44. 3l 600ml more water is needed to fill up the container.

45.

200g grapes	=	\$ 1.04
2 silver promfret	=	\$ 4.95
Total	=	\$ 5.99
Cash received	=	\$10.00
Change Due	=	<u>\$4.01</u>