

Name : _____ (

Class : Primary 3 _____

CHIJ ST NICHOLAS GIRLS' SCHOOL



SRA2

Primary 3

Second Semestral Assessment – 2004

Mathematics

27 October 2004

Score :	100
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Class (Highest Score) :		Level (Highest Score) :	
Class Average :		Level Average :	

Duration of Paper : 1 h 45 min

**Do not open the booklet until you are told to do so
Follow all instructions carefully**

6. $\frac{3}{4}$ and _____ make 1 whole.

(1) $\frac{4}{16}$

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

(3) $\frac{9}{12}$

(4) $\frac{1}{8}$

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7. Express 190 minutes in hours and minutes.

(1) 1 h 9 min

(2) 1 h 90 min

(3) 3 h 0 min

(4) 3 h 10 min

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8. Which one of the following has the greatest value?

(1) 355 cents

(2) 5 dollars

(3) 10 fifty-cent coins

(4) 100 ten-cent coins

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9. 2 050 ml = _____.

(1) 2 l 5 ml

(2) 2 l 50 ml

(3) 20 l 5 ml

(4) 20 l 50 ml

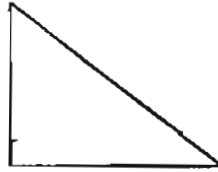
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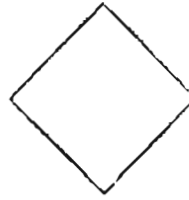
10. Which one of the following figures has the greatest number of right angles?



(A)



(B)



(C)



(D)

(1) A

(2) B

(3) C

(4) D

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11. Mary started doing her homework at the time shown on the clock face. She spent 45 minutes doing her English homework and another 30 minutes doing her Science homework. At what time did she complete all her homework?



(1) 9.58

(2) 11.48

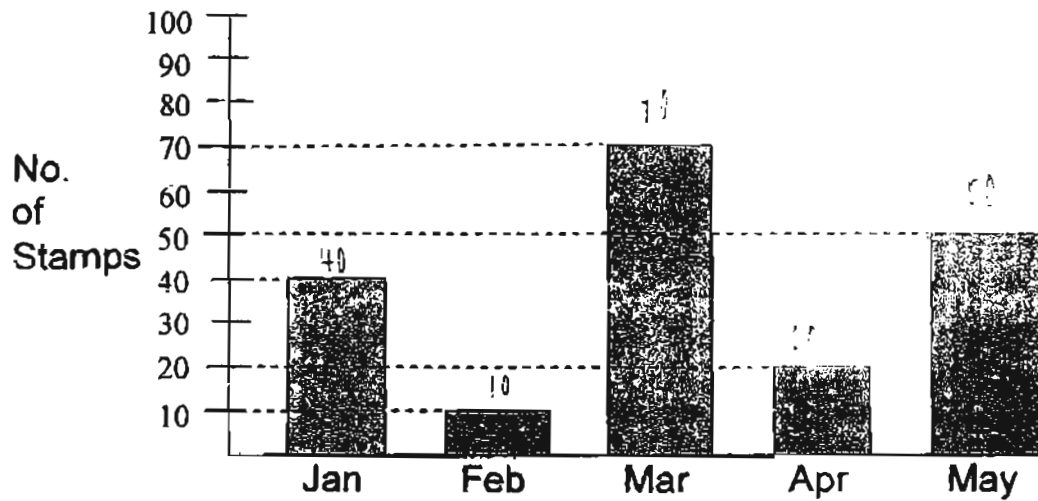
(3) 11.58

(4) 12.58

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The graph below shows the number of stamps Stella collected from January to May. Study it carefully and answer questions 12 and 13.



12. 20 more stamps were collected in January than in _____.

- (1) April
- (2) March
- (3) February
- (4) May

13. Stella collected _____ times as many stamps in both March and May as in January.

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



14. Which one of the following fractions is smaller than $\frac{1}{2}$?

(1) $\frac{7}{8}$

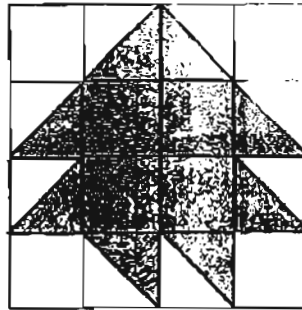
(2) $\frac{3}{4}$

(3) $\frac{2}{7}$

(4) $\frac{6}{12}$

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15. The figure below is made up of 1-cm squares.



The area of the shaded figure is _____ cm^2 .

(1) 4

(2) 8

(3) 12

(4) 16

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16. The total mass of Joan's and Alicia's school bags is 5 kg. Joan's school bag has a mass of 2 686 g. How much lighter is Alicia's school bag?

(1) 372 g

(2) 2 314 g

(3) 2 686 g

(4) 7 680 g

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17. Ben is 1 m 36 cm tall. Steve is 12 cm taller than Ben but 6 cm shorter than Alex. How tall is Alex?

(1) 130 cm

(2) 142 cm

(3) 148 cm

(4) 154 cm

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18. Which number comes after 5 385 when you are counting by fives?

(1) 5 386

(2) 5 390

(3) 5 395

(4) 5 485

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19. I think of a number. I divide it by 4 and add the quotient to 44. The answer I get is 150. What is the number?

(1) 106

(2) 424

(3) 139

(4) 194

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20. A pencil costs 65¢ and a note-book costs 54¢ more than the pencil. How much do 6 note-books cost?

(1) \$1.19

(2) \$3.24

(3) \$6.60

(4) \$7.14

()



SECTION B: (20 X 2 marks)

Write your answers in the blanks provided.

21. A ribbon was cut into 2 pieces. The first piece was twice the length of the second piece. If the first piece was 6 m 50 cm long, what was the length of the ribbon before it was cut?

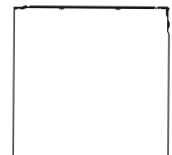
Ans: _____ m _____ cm

22. Tom has 40 picture cards. Lorraine has 22 more picture cards than Tom. Sue has 18 picture cards fewer than Lorraine. How many picture cards does Lorraine have to give Tom so that each of them has an equal number?

Ans: _____ picture cards

23. Marilyn hired a bicycle for 2 hours 30 minutes. She returned the bicycle at 4.15 p.m. At what time did she hire the bicycle?

Ans: _____ p.m.



24. Arrange the fractions in order. Begin with the smallest.

$$\frac{1}{4}, \quad \frac{1}{15}, \quad \frac{1}{7}$$

Ans: _____

25. Lin has five 5-cent coins, three 10-cent coins, six 20-cent coins and five 50-cent coins. How much money has she altogether?

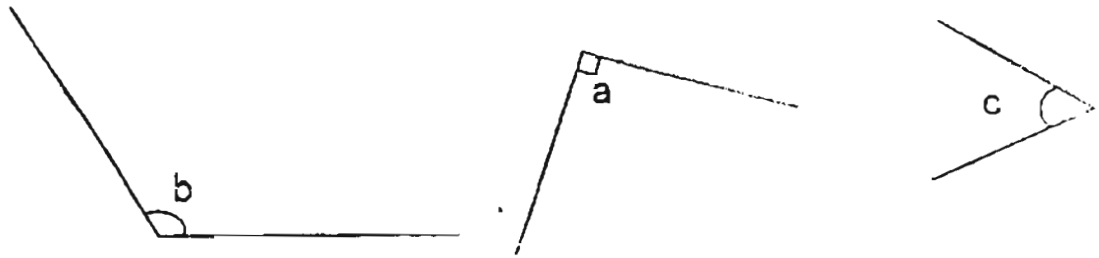
Ans: \$ _____

26. Mrs Wong baked 5 butter cakes. She used 350 g of butter for each cake. How much butter did she use altogether for the 5 cakes? Leave your answer in kg and g.

Ans: _____ kg _____ g

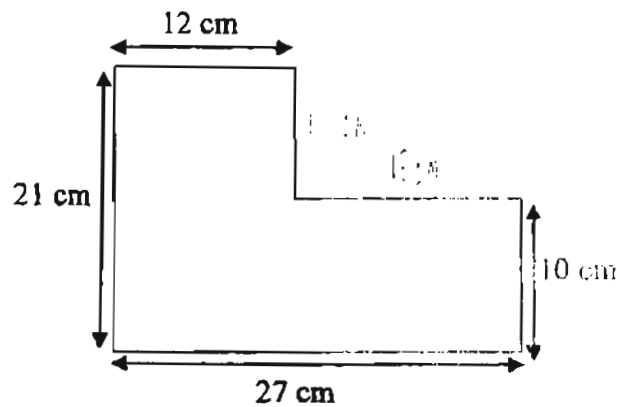


27. Which one of the following angles is bigger than angle a?



Ans: angle _____

28. The figure below is not drawn to scale. Find its perimeter.



Ans: _____ cm

29. Paul spent 12 days in Thailand, 7 days in Indonesia and 9 days in Australia. How many weeks did he spend in all these 3 countries?

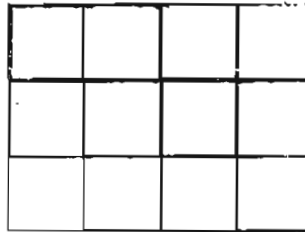
Ans: _____ weeks



30. Mrs Yong poured 1ℓ of orange juice into 6 identical glasses and 1 jug. The capacity of the jug is 280 ml. Find the capacity of 1 glass.

Ans: _____ ml

31. Shade the correct number of parts of the figure to show $\frac{1}{3}$ shaded.



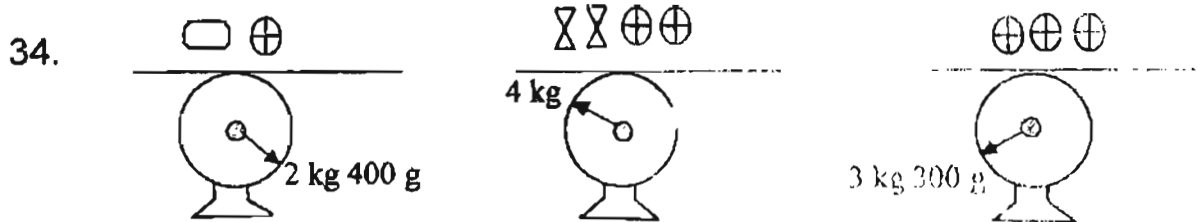
32. The difference between two numbers is 2 725. The smaller number is 1 830. What is the sum of the two numbers?

Ans: _____



33. What is the greatest 4-digit number that can be formed using the digits 0, 1, 5 and 8?

Ans: _____



What is the total mass of  ?

Ans: _____ kg _____ g


35. A minibus can fetch 9 people only. What is the smallest number of minibuses needed to fetch 120 people?

Ans: _____ minibuses



36. The length of a rectangle is twice its breadth. If the length is 12 cm, find the area of the rectangle.

Ans: _____ cm^2

37. 80×10 is the same as  $\times 4$

Ans: _____

38. Meiling bought 9 kiwifruits at a supermarket. They were sold at 3 for \$6. How much did she spend in all?

Ans: \$ _____



39. 4 erasers and 5 rulers cost \$5.50. 2 erasers and 5 rulers cost \$4.50. Find the total cost of 1 eraser and 1 ruler.

Ans: \$ _____

40. Geeta is as tall as Wendy. Both Wendy and Geeta are shorter than Sasha. Wendy is taller than Betty. Who is the shortest?

Ans: _____



SECTION C: (5 X 4 marks)

Solve the following problems. All mathematical working must be shown clearly.

41. A jug can hold 550 ml of water. A pail can hold 5 times as much water as the jug. What is the total capacity of the jug and the pail? Leave your answer in l and ml.

Ans: _____ (4 marks)

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42. A fruit seller had 4 850 oranges and 906 apples. He sold 4 585 oranges and half the number of apples. How many more apples than oranges had he left?

Ans: _____ (4 marks)



43. A sweater cost \$208.90. A handbag cost \$60.30 less than the sweater. If Mr Lim received a change of \$2.50, how much did he pay the cashier?

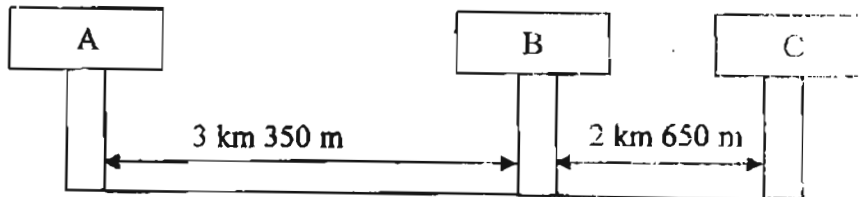
Ans: _____ (4 marks)

44. Shaun was paid \$12 an hour as a cashier at a restaurant. He worked 9 hours each day. How much money did he earn altogether in 4 weeks?

Ans: _____ (4 marks)



45. Jonathan jogged all the way from Point A to Point C. After half an hour of resting, he decided to walk back from Point C to Point B. Then he continued jogging from Point B to Point A. How far did he jog in all? Leave your answer in m.



Ans: _____ (4 marks)



END OF PAPER

CHIJ ST NICHOLAS GIRLS' SCHOOL

P3 MATHEMATICS SA2 2004

27-10-04 NO.

- 1) 1
- 2) 3
- 3) 3
- 4) 2
- 5) 4
- 6) 1
- 7) 4
- 8) 4
- 9) 2
- 10) 3
- 11) 3
- 12) 1
- 13) 2
- 14) 3
- 15) 2
- 16) 1
- 17) 4
- 18) 2
- 19) 2
- 20) 4
- 21) 1 m 75 cm
- 22) 11
- 23) 1.45
- 24) $\frac{1}{12}, \frac{1}{7}, \frac{1}{4}$
- 25) \$4.25
- 26) 1 kg 750 g
- 27) 6
- 28) 96 cm
- 29) 4 weeks
- 30) 120 m²
- 31) →

- 32) 6385
- 33) 8510
- 34) 1 kg 200 g
- 35) 1415
- 36) 72
- 37) 200
- 38) \$18
- 39) \$1.20
- 40) Betty

- 41) 3 [300 m]
- 42) 188
- 43) \$360
- 44) \$3024
- 45) 9350 m