Name : _____ (   )

Class : Primary 3_____

# CHIJ ST NICHOLAS GIRLS' SCHOOL

CA2

## Primary 3

## Continual Assessment 2 – 2004

## Mathematics

## 24th August 2004

Parent's signature :

**Test Score :**

**100**

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

| Class (Highest Score) : | | Level (Highest Score) : | |
|---|---|---|---|
| Class Average : | | Level Average : | |

Duration of Paper : 1 h 45 min

Follow all instructions carefully

16

## Section A (20 X 2 marks )

Choose the correct answer for each question. Write the number (1, 2, 3 or 4) in the brackets provided.

1.    The sum of 256 and 79 is _____.

    (1)    340        (2)    335
    (3)    180        (4)    177            (        )

2.    Which one of the following sums gives the **greatest** value?

    (1)    531 ÷ 9        (2)    832 + 932
    (3)    3 600 – 1 950    (4)    293 x 6            (        )

3.    Find the difference between 8 532 and 2 358.

    (1)    3 816        (2)    6 170
    (3)    6 174        (4)    10 890            (        )

4.    100 more than 134 is _____.

    (1)    100 134        (2)    13 400
    (3)    234        (4)    34            (        )

5.  The length of a string is 165 cm. What is the length of two such strings?

   (1)   495 cm          (2)   330 cm
   (3)   165 cm          (4)   55 cm          (        )
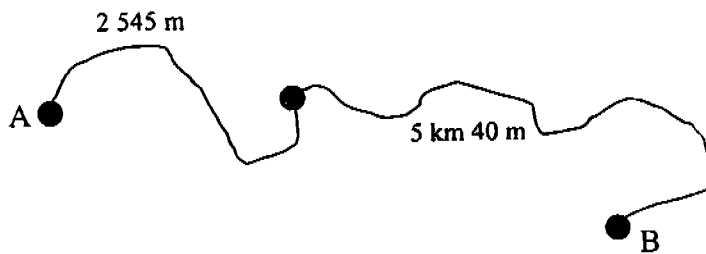
6.  Add 5 m 94 cm to 1 m 5 cm. The total length is _____ .

   (1)   6 m 99 cm       (2)   6 m 94 cm
   (3)   4 m 99 cm       (4)   4 m 89 cm      (        )

7.  Ben is 95 cm tall.  He is 58 cm shorter than Sophie.  How tall is Sophie?

   (1)   125 cm          (2)   150 cm
   (3)   153 cm          (4)   160 cm         (        )

8.  The distance between Town A and Town B is _____ .

   2 545 m

   A●

   5 km 40 m

   ●
   B

   (1)   7 km 945 m      (2)   7 km 585 m
   (3)   2 km 855 m      (4)   2 km 495 m     (        )

9. The total mass of 2 exercise books is 256 g. What is the total mass of 8 such exercise books?

   (1)    512 g          (2)    768 g
   (3)    1 024 g        (4)    2 048 g              (          )

10. John has a mass of 62 kg 600 g and his sister has a mass of 43 kg 900 g. Find the difference in their mass.

    (1)    9 kg 350 g      (2)    18 kg 700 g
    (3)    37 kg 400 g     (4)    106 kg 500 g       (          )

11. Brandon has a mass of 92 kg. He goes on a diet plan and slims down by 3 kg every month. How many months will he take to slim down to 74 kg?

    (1)    6 months        (2)    5 months
    (3)    4 months        (4)    3 months           (          )

12. Gwen has a mass of 23 kg. Kenny is twice as heavy as Gwen is. Sally has a mass 15 kg less than Kenny. How heavy is Sally?

    (1)    23 kg           (2)    31 kg
    (3)    46 kg           (4)    61 kg              (          )

13. Express 5 235 m𝓁 in litres and millilitres.

    (1)    523𝓁 5 m𝓁       (2)    52𝓁 35 m𝓁
    (3)    50𝓁 235 m𝓁     (4)    5𝓁 235 m𝓁         (        )

14. A mug holds 250 m𝓁 of water and a cup holds 65 m𝓁 less than the mug. How much water can 3 such cups hold?

    (1)    185 m𝓁       (2)    315 m𝓁
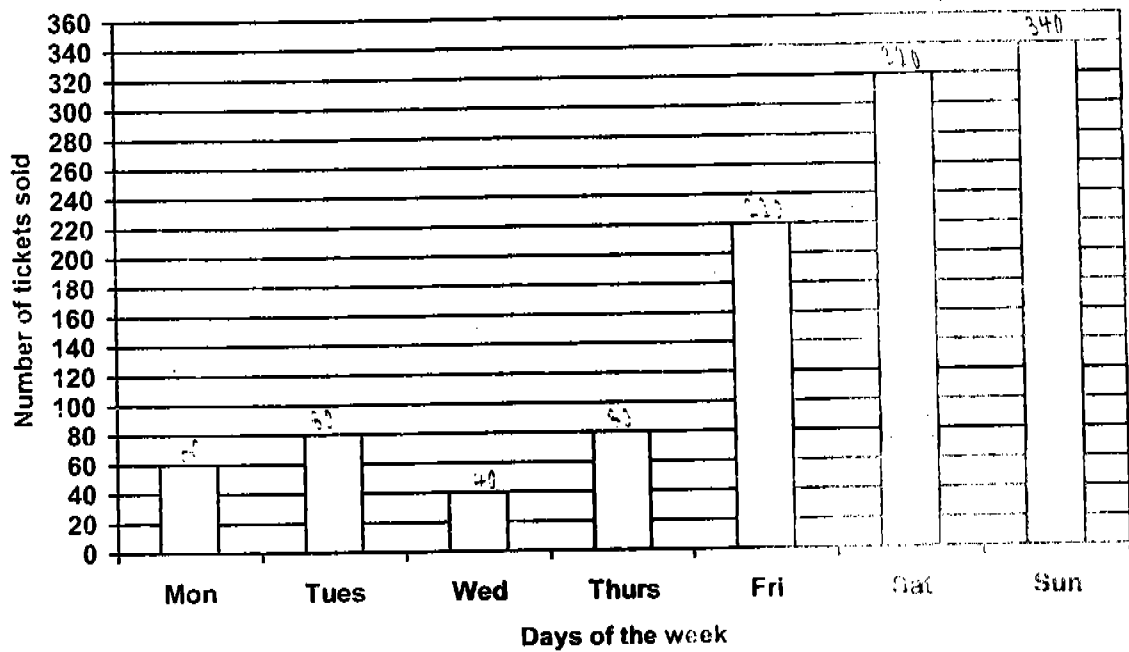    (3)    555 m𝓁       (4)    945 m𝓁         (        )

15. The volume of a tank is 50 𝓁. Susan pours 17 𝓁 34 m𝓁 of water into the tank. How much more water is required to fill half of the tank?

    (1)    7 𝓁 966 m𝓁     (2)    7 𝓁 660 m𝓁
    (3)    32 𝓁 660 m𝓁   (4)    32 𝓁 966 m𝓁    (        )

16. A tank can hold 165 𝓁 of water. How much water is needed to fill 9 such tanks?

    (1)    1 650 𝓁      (2)    1 485 𝓁
    (3)    1 320 𝓁      (4)    1 155 𝓁       (        )

The graph below shows the number of movie tickets sold during the week.
Study the graph carefully and use it to answer questions 17 to 20.



17.    On which day was the **least** number of tickets sold?

(1)    Monday              (2)    Tuesday
(3)    Wednesday           (4)    Thursday              (        )

18.    What was the total number of tickets sold on Saturday and Sunday?

(1)    660                 (2)    540
(3)    340                 (4)    1320                  (        )

19. What was the difference between the total number of tickets sold on weekdays and on weekends?

   (1)   660          (2)   620
   (3)   480          (4)   180          (          )

20. On which day were the tickets sold 4 times as many as those sold on Tuesday?

   (1)   Thursday     (2)   Friday
   (3)   Saturday     (4)   Sunday       (          )

## Section B (20 X 2 marks)
Fill in each box with the correct answer.

21.   _____ - 256 = 328

22. Using the digits 6, 2, 1 and 0, form the **smallest** 4-digit number.

23.   658 ÷ 7 = _____ .

24. The product of 625 and 8 is _____ .

[   ]

25. A string was 1 m 40 cm long. Yun Leng cut 60 cm of it to tie a parcel. Then she cut the rest of it into 10 equal pieces. What is the length of each piece of string?

[   ] cm

26. A pole is made up of two shorter poles joined together. If each shorter pole is 2 m 49 cm long, what is the length of the pole?

[   ] m [   ] cm

27. The length of wire needed to form 5 separate squares is 1 m. If all the squares are identical, what is the length of one side of the square?

[   ] cm

28. The total height of Jillian, Willie and Kim is 2 m 94 cm. If Willie is 20 cm taller than Jillian and 34 cm taller than Kim, how tall is Willie?

<pre>
┌──┐   ┌──┐
│  │ m │  │ cm
└──┘   └──┘
</pre>

29. The total mass of a chicken and a duck is 1 kg 750 g. If the chicken has a mass of 942 g, what is the mass of the duck?

<pre>
┌─────────┐
│         │ g
└─────────┘
</pre>

30. Mrs Leong's mass is 64 kg. Mr Tan's mass is 24 kg heavier than hers. What is their total mass?

<pre>
┌─────────┐
│         │ kg
└─────────┘
</pre>

31. The mass of a table is 7 kg 450 g while the mass of a chair is 2 kg 45 g. How much heavier is the table than the chair?

<pre>
┌──┐    ┌──┐
│  │ kg │  │ g
└──┘    └──┘
</pre>

32. The mass of a 20-cent coin is half the mass of a 50-cent coin. If each 20-cent coin has a mass of 14 g, what is the total mass of five 20-cent coins and three 50-cent coins?

_____ g

33. Bottle A has a capacity of 1ℓ 500 mℓ. Bottle B can hold 650 mℓ less than bottle A. What is the capacity of bottle B?

_____ mℓ

34. John sold 1 ℓ 596 mℓ of lemon juice on Monday, 679 mℓ on Tuesday and 1 ℓ 594 mℓ on Wednesday. How much lemon juice did he sell altogether on the 3 days?
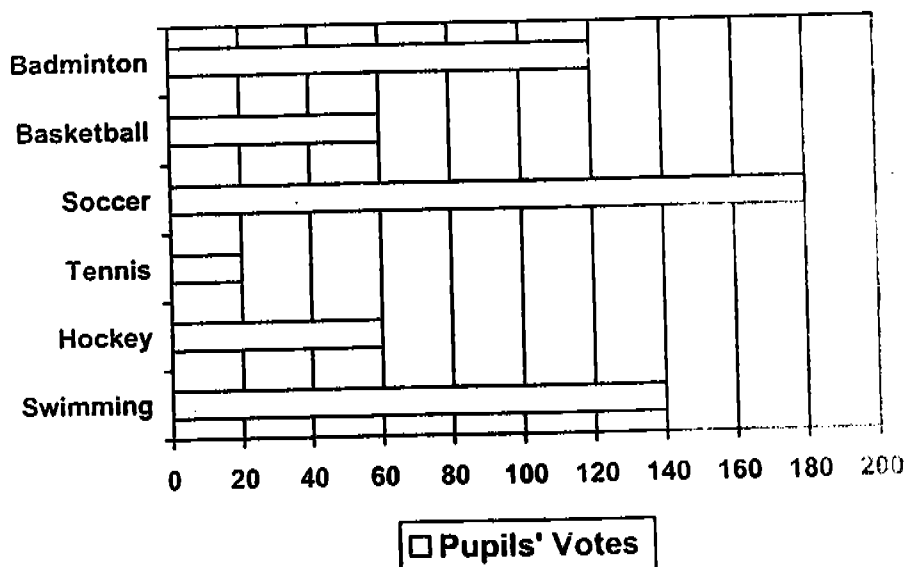
☐ ℓ ☐ mℓ

35. A jug can hold 2 ℓ of water while a bottle can hold 450 mℓ of water. How much more water do 2 jugs hold than 6 bottles?

_____ mℓ

36. Matilda had 3 bottles full of water. Each bottle contained 500 mℓ of water. She poured all the water into a small tank filled with 1 ℓ 400 mℓ of water. How much water was there in the small tank?

[ ] ℓ [ ] mℓ

Some pupils were asked to vote for their favourite sports. Each pupil was given 1 vote. Their choices were shown in the graph below. Use it to answer questions 37 to 40.



37. The total number of pupils who chose soccer and tennis was ( more than / equal to / less than ) the total number who chose swimming and basketball. Fill in the missing words in the box provided.

[ ]

38. If each pupil was given two votes, what was the number of pupils who chose tennis as their favourite sport?

[ ]

39. What was the total number of pupils who chose hockey, tennis and basketball as their favourite sport?

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40. A basketball team needs 5 players to form a team. How many teams can the school form altogether from those who chose basketball as their favourite sport?

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## Section C (5 X 4 marks)

Work out the following problem sums. Show all your statements and workings clearly.

41. At a sale, 5 oranges are sold for $2. Kenny has $20 and Joan has $8. How many more oranges can Kenny buy than Joan?

42. There were 12 pencils in box A and 24 pencils in box B. Each pencil in box A is 8 cm long and each pencil in box B is 4 cm long. 16 pencils in box B were given away and all the other remaining pencils in box A and B were arranged in a straight line. How long was the line?

43. The mass of a small packet of candy was 9 g. For every 4 packets of candies Susan ordered, she would receive one packet of candy free. If Susan ordered 24 packets of candies, what would be the total mass of all the packets?

44. 4 army vans were each loaded with 73 water bottles and delivered to 4 relief centres in equal amounts. There were 3 litres of water in each water bottle. How much water did each relief centre receive?

45. The length of a road is 85 m long. Trees are planted on only one side of the road at every 5 m apart. How many trees, in all, are planted along the road if both ends of the road have trees?

Have you checked your answers ?

---End of Paper---

CA2

# CHIJ ST NICHOLAS GIRLS' SCHOOL

## P3 mathematics CA2 (2004)                24·8·04   No.

| | | | | |
|---|---|---|---|---|
| 1) | 2 | 21) | 584 |
| 2) | 2 | 22) | 1026 |
| 3) | 3 | 23) | 94 |
| 4) | 3 | 24) | 5000 |
| 5) | 2 | 25) | 8 |
| 6) | 1 | 26) | 4 m 98 |
| 7) | 3 | 27) | 5 cm |
| 8) | 2 | 28) | 1 m 16 cm |
| 9) | 3 | 29) | 808 |
| 10) | 2 | 30) | 152 kg |
| 11) | 1 | 31) | 5 kg 405 g |
| 12) | 2 | 32) | 154 |
| 13) | 4 | 33) | 850 |
| 14) | 3 | 34) | 3 ℓ 869 |
| 15) | 2 | 35) | 1300 mℓ |
| 16) | 2 | 36) | 2 ℓ 900 mℓ |
| 17) | 3 | 37) | equal to |
| 18) | 1 | 38) | 20 |
| 19) | 4 | 39) | 140 |
| 20) | 3 | 40) | 12 |

41)   30 more
42)    128 cm
43)    270 g
44)   219 ℓ
45)    18 free