

CHIJ Primary (Tua Payoh)  
Semestral Assessment 2 2004  
Mathematics

9/12

Name: \_\_\_\_\_ ( )

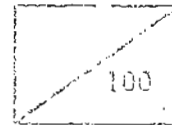
Date: \_\_\_\_\_

Class: Primary 3 \_\_\_\_\_

Time: 1 h 45 mins

Parent's Signature: \_\_\_\_\_

Marks:



Section A (20 x 2m)

For each question, four options are given. Choose the correct option (1, 2, 3 or 4) and shade the correct oval in the Optical Answer Sheet.

1) What is the missing number in the blank?

$$2022 = 2000 + \underline{\quad} + 2$$

- (1) 2
- (2) 20
- (3) 22
- (4) 200

2) What is the smallest odd number that can be formed using the digits 3, 6, 1 and 4?

- (1) 1346
- (2) 1364
- (3) 1463
- (4) 1643

3) 7780 is \_\_\_\_\_ tens more than 4260.

- (1) 0
- (2) 35
- (3) 350
- (4) 3500

- 4) The difference between two numbers is 3152. The numbers are \_\_\_\_\_ and 2283.
- (1) 859
  - (2) 1131
  - (3) 5335
  - (4) 5435
- 5) May earns \$2971. Sue earns \$904 less than May. How much do the two girls earn altogether?
- (1) \$2067
  - (2) \$3875
  - (3) \$5038
  - (4) \$6846
- 6) Mrs Tan has \$500. After buying 4 pots that cost \$78 each, she will have \_\_\_\_\_ left.
- (1) \$82
  - (2) \$188
  - (3) \$312
  - (4) \$422
- 7) Jenny packed 576 tins into boxes of fives and eights. If there were 64 boxes of fives, how many boxes of eights were there?
- (1) 30
  - (2) 72
  - (3) 512
  - (4) 266
- 8) Ben has five 50¢ coins, five 20¢ coins and ten 5¢ coins. How much money does he have altogether?
- (1) \$0.75
  - (2) \$2.00
  - (3) \$4.00
  - (4) \$8.50

9) Sam and Emma saves \$25 and \$21 respectively everyday. How much will they save in 1 week?

- (1) \$49
- (2) \$147
- (3) \$196
- (4) \$343

10) 3 packets of sugar weigh 945 g. What is the mass of 1 packet of sugar?

- (1) 315g
- (2) 942g
- (3) 948g
- (4) 2835g

11) Container A has 3l 40ml of water in it. After pouring out some of the water, 1l 128ml of water is left. How much water was poured out?

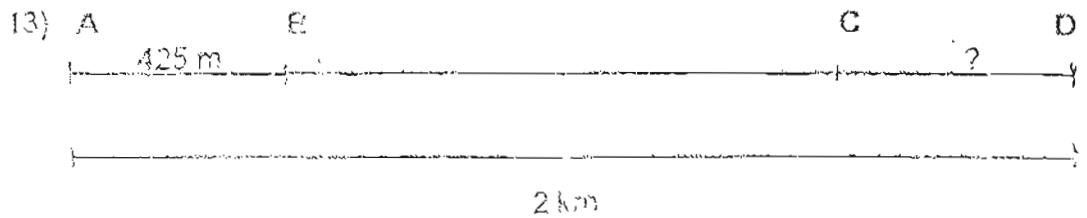
- (1) 1l 912ml
- (2) 2l 112ml
- (3) 2l 272ml
- (4) ~~2l 272ml~~

12)



How many cups are needed to fill the two bowls?

- (1) 8
- (2) 10
- (3) 20
- (4) 40



The distance between B and C is 3 times the distance between A and B.  
 What is the distance between C and D?

- (1) 300 m
- (2) 725 m
- (3) 1275 m
- (4) 1700 m

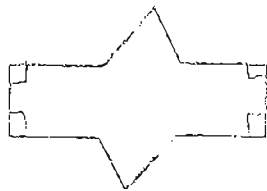
14) Eunice can skip 20 times in 20 seconds. How many times can she skip in 1 minute?

- (1) 1
- (2) 60
- (3) 100
- (4) 400

15) Teresa needs 2 weeks 4 days to make a teddy bear. How many days does she need to make 7 teddy bears?

- (1) 42
- (2) 98
- (3) 126
- (4) 168

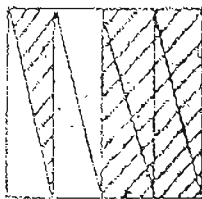
16)



Look at the 2 figures. How many right angles are there altogether?

- (1) 9
- (2) 10
- (3) 12
- (4) 18

17)



What fraction of the figure is unshaded?

- (1)  $\frac{2}{4}$
- (2)  $\frac{3}{4}$
- (3)  $\frac{3}{8}$
- (4)  $\frac{5}{8}$

18)

$\frac{1}{2}$	$\frac{2}{3}$	$\frac{4}{12}$	$\frac{1}{6}$
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Arrange the above fractions from the smallest to the greatest.

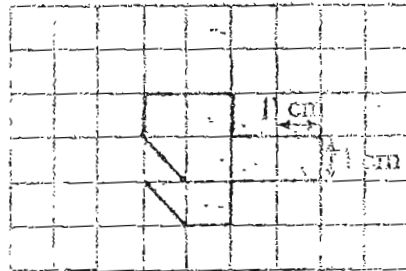
(1)  $\frac{1}{2}, \frac{2}{3}, \frac{1}{6}, \frac{4}{12}$

(2)  $\frac{1}{6}, \frac{4}{12}, \frac{1}{2}, \frac{2}{3}$

(3)  $\frac{4}{12}, \frac{1}{6}, \frac{2}{3}, \frac{1}{2}$

(4)  $\frac{1}{2}, \frac{1}{6}, \frac{2}{3}, \frac{4}{12}$

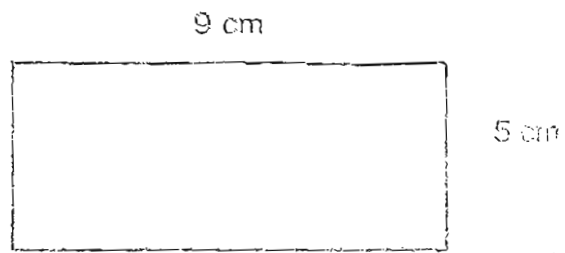
19)



What is the area of the above figure?

- (1)  $7 \text{ cm}^2$
- (2)  $3 \text{ cm}^2$
- (3)  $14 \text{ cm}^2$
- (4)  $22 \text{ cm}^2$

20)



What is the perimeter of the above figure?

- (1) 4 cm
- (2) 14 cm
- (3) 28 cm
- (4) 45 cm

Section B (15 x 2m)

Solve the problems and write the correct answers in the boxes provided.

21a)  $3954 + 4087 =$

21b)  $9800 - 761 =$

22a)  $476 \times 5 =$

22b)  $538 \div 8 =$

23) Megan had 3707 beads and her mother gave her another 2904 beads.  
How many beads does Megan have now?

24)  $3 \times 3 \times \heartsuit = 81$

$\heartsuit = ?$

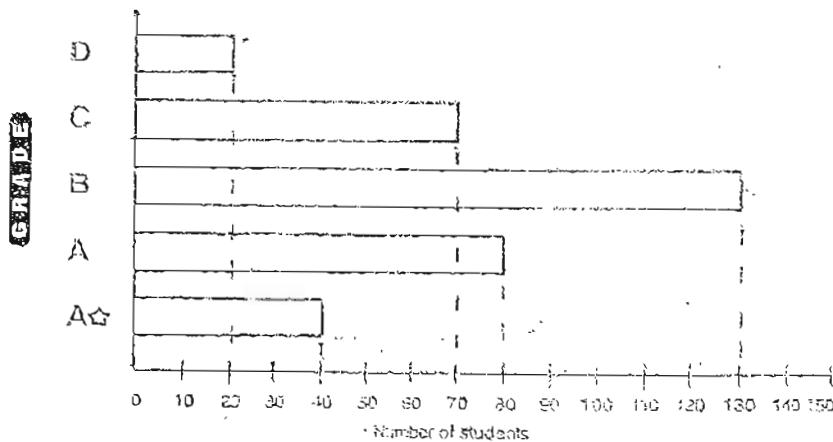


- 25) There were 673 members in the Science Club last year. This year, 398 members left and 407 new members joined the club. How many members are there now?

- 26) A piece of rock weighs 300g. What is the total mass of 6 similar pieces of rocks?

- 27) Rope A is twice as long as Rope B. After 1m 45cm was cut from Rope B, there is 110cm left. How long is Rope A? Express your answer in m and cm.

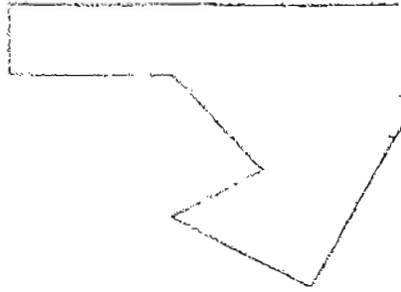
Look at the graph below and answer questions 28 and 29.



- 28) If 36 boys scored C, how many girls scored C?

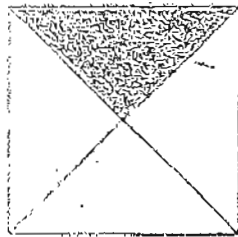
- 29) An error was discovered in the results. The number of pupils scoring A\* and A should be the same. How many pupils who scored A should have scored A\*?

30)



How many angles are greater than  $90^\circ$  ?

31)



What fraction of the square is shaded ?

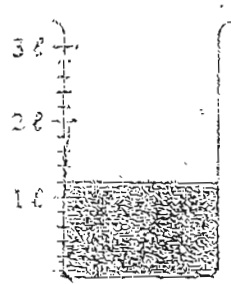
32) Mr Foo spent 1 year 5 months in London and 2 years 7 months in Paris.  
How long was he in the two cities? Express your answer in months.

 mth

- 33) Godana sells an umbrella for \$12 on a rainy day and \$18 on a sunny day. How much more will it cost to buy 3 umbrellas on a sunny day than on a rainy day?

\$

- 34) Look at the container below.



If 350 ml of water is added to the container, how much water will there be in the container? Express your answer in l and ml.

l ml

- 35) The length of a rectangle is 15 cm. Its breadth is 7 cm. What is the area of this rectangle?

cm<sup>2</sup>

Section C (30 marks)

Solve the following problem sums. All working and statements must be shown clearly.

- 36) Jack bought a bottle of apple juice. He drank  $600\text{ ml}$  and his sister drank  $240\text{ ml}$ .  $360\text{ ml}$  of apple juice was left. How much apple juice was in the bottle at first?  
Express your answer in  $\text{ml}$ .

Answer : \_\_\_\_\_ (3m)

- 37) Gina is 2 years 3 months older than her sister. Her sister is 7 years 8 months old. How old is Gina?  
Express your answer in years and months.

Answer : \_\_\_\_\_ (3m)

- 38) Steven has 52 cards. Ned has 67 cards. James has 20 cards more than Ned.  
How many cards do they have altogether?  
( 1 mark will be awarded for the correct model drawn)

Answer: \_\_\_\_\_ (4 m)

- 39) Of the 3000 balloons used for a party, 2564 were blue and the rest were red and yellow. If there were equal number of red and yellow balloons, how many yellow balloons were there?  
( 1 mark will be awarded for the correct model drawn)

Answer : \_\_\_\_\_ (4m)

- 40) Tracey bought 6 boxes of oranges. There were 48 oranges in each box. She repacked them and put 9 oranges in 1 basket. How many baskets would she need to put all the oranges?

Answer : \_\_\_\_\_ (4m)

- 41) Gary has to run round a square field thrice. The length of 1 side of the field is 7 m. What is the total distance Gary has to run?

Answer : \_\_\_\_\_ (4m)

- 42) Cathy has some \$2 and \$10 notes. She has twice as many \$2 notes as \$10 notes. If she has 51 notes, how much does she have?

Answer : \_\_\_\_\_ (4m)

- 43) Siti ate  $\frac{1}{5}$  of a pizza and her brother ate  $\frac{3}{5}$  of it.

(i) Who ate more?

(ii) What fraction of the pizza was left?

( 1 mark will be awarded for the correct model drawn.)

Answer : (i) \_\_\_\_\_ (1m)

(ii) \_\_\_\_\_ (2m)

Setter : Miss Yeo Bee Leng

CHIJ PRIMARY (TOA PAYOH)  
SEMESTRAL ASSESSMENT 2, 2004  
PRIMARY 3 MATHEMATICS

(A)

- |             |   |
|-------------|---|
| 1) 2        | 24) 9                                     |
| 2) 3        | 25) 682                                   |
| 3) 3        | 26) 1 kg 800 g                            |
| 4) 4        | 27) 5m 10 cm                              |
| 5) 3        | 28) 34                                    |
| 6) 2        | 29) 20 pupils                             |
| 7) 5        | 30) 3                                     |
| 8) 3        | 31) $\frac{1}{4}$                         |
| 9) 4        | 32) 48                                    |
| 10) 1       | 33) \$ 18                                 |
| 11) 1       | 34) 1 litre 550 ml                        |
| 12) 4       | 35) 105                                   |
| 13) 1       | 36) 1200 ml                               |
| 14) 2       | 37) 9 years 11 months                     |
| 15) 3       | 38) 206 beads                             |
| 16) 1       | 39) 218 yellow balloons                   |
| 17) 3       | 40) 32 baskets                            |
| 18) 2       | 41) 84 m                                  |
| 19) 1       | 42) \$ 238                                |
| 20) 3       | 43) a) Siti's brother    b) $\frac{1}{5}$ |
| 21) a) 8041 |   |
| b) 9039     |   |
| 22) a) 2380 |   |
| b) 67       |   |
| 23) 6011    |   |