

CHIJ Primary (Toa Payoh)
Semestral Assessment 2 2004
Mathematics

9A2

Name: _____ ()

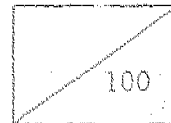
Date: _____

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

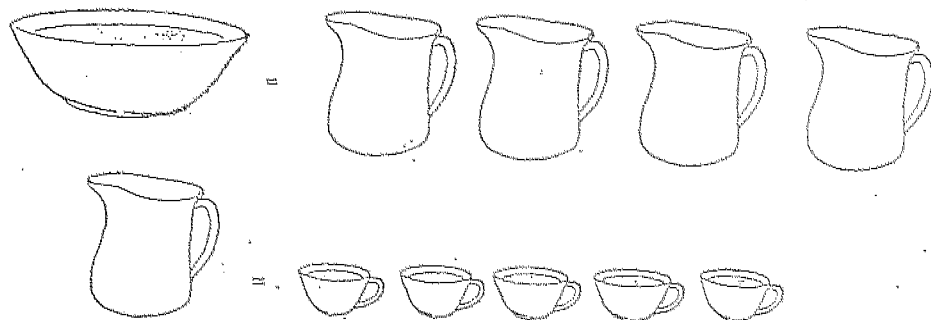
3) 7780 is _____ tens more than 4280.

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

- 4) The difference between two numbers is 3152. The numbers are _____ and 2283.
- (1) 869
 - (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) 32
 - (2) 72
 - (3) 512
 - (4) 256
- 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

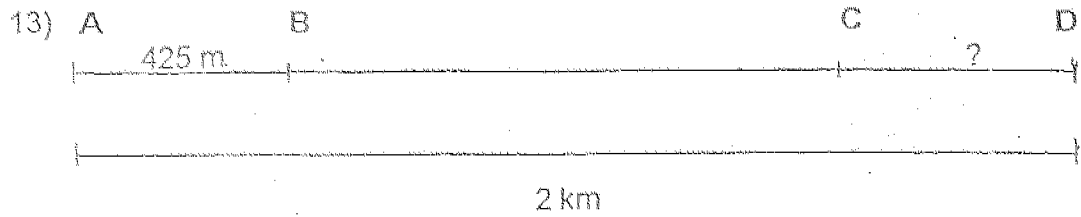
- 9) Sam and Emma saves \$28 and \$21 respectively everyday. How much will they save in 1 week?
- (1) \$49
 (2) \$147
 (3) \$196
 (4) \$343
- 10) 3 packets of sugar weigh 945 g. What is the mass of 1 packet of sugar?
- (1) 315g
 (2) 942g
 (3) 948g
 (4) 2835g
- 11) Container A has $3\ell\ 40\text{m}\ell$ of water in it. After pouring out some of the water, $1\ell\ 128\text{m}\ell$ of water is left. How much water was poured out?
- (1) $1\ell\ 912\text{m}\ell$
 (2) $2\ell\ 112\text{m}\ell$
 (3) $2\ell\ 272\text{m}\ell$
 (4) ~~$2\ell\ 272\text{m}\ell$~~

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

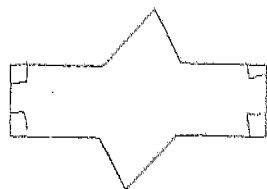
14) Eunice can skip 20 times in 20 seconds. How many times can she skip in 1 minute?

- (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

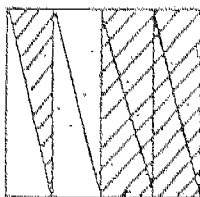
16)



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.

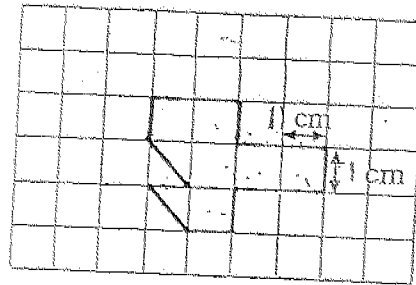
(1) $\frac{1}{2}, \frac{2}{3}, \frac{1}{6}, \frac{4}{12}$

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

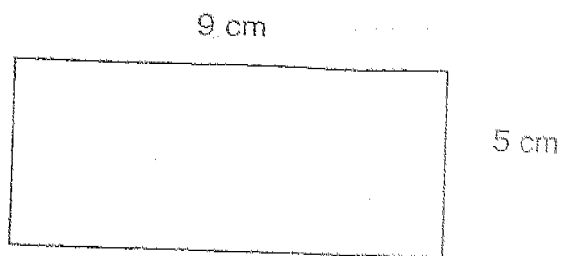
19)



What is the area of the above figure?

- (1) 7 cm^2
- (2) 8 cm^2
- (3) 14 cm^2
- (4) 22 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) $536 \div 8 =$

- 23) Megan had 3107 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 ?

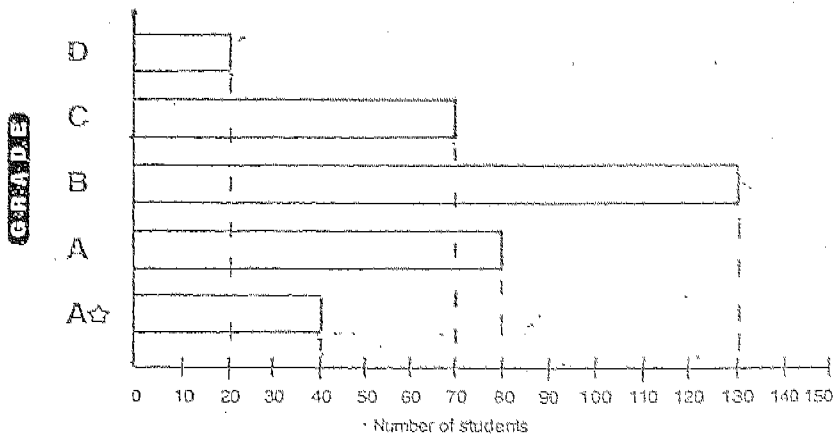
26) A piece of rock weighs 300g. What is the total mass of 6 similar pieces of rocks ?

 kg g

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.

 m cm

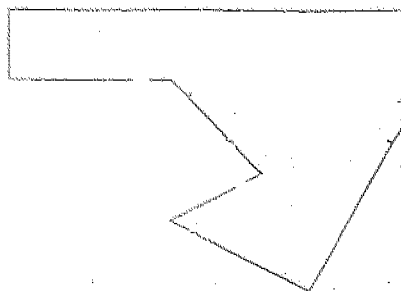
Look at the graph below and answer questions 28 and 29.



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

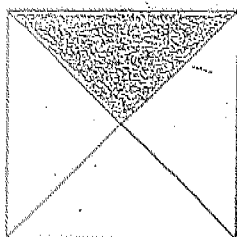
29) An error was discovered in the results. The number of pupils scoring A* and A should be the same. How many pupils who scored A should have scored A* ?

30)



How many angles are greater than 90° ?

31)



What fraction of the square is shaded ?

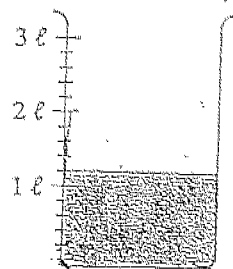
32) Mr Foo spent 1 year 5 months in London and 2 years 7 months in Paris.
How long was he in the two cities? Express your answer in months.

 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 $m\ell$.

ℓ $m\ell$

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

cm^2

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 ml and his sister drank 240 ml . 360 ml of apple juice was left. How much apple juice was in the bottle at first?
Express your answer in 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

SA2

- 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) 3 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