SINGAPORE CHINESE GIRLS' PRIMARY SCHOOL
SECOND SEMESTRAL ASSESSMENT 2004
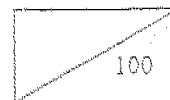### PRIMARY 3
MATHEMATICS

Name : _____ ( ) Date : _____

Class : Primary 3 .   Duration : 1h 45min

Parent's Signature: _____   Marks

100

Section A (2 marks each)
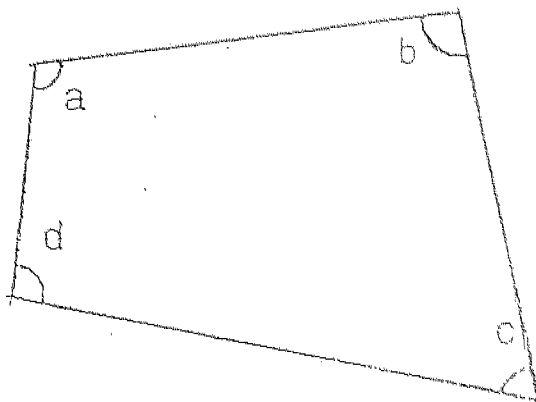Choose the correct answer. Shade the correct oval in the Optical Answer Sheet (OAS).

1. The value of 6 thousands, 6 hundreds and 6 ones is _____

    1) 666   3) 6 606
    2) 6 066   4) 6 660

2. The sum of 4 001 and 1 999 is _____

    1) 2 002   3) 5 900
    2) 3 008   4) 6 000

3. In the figure below, which angle is smaller than a right angle?

    1) a   3) c
    2) b   4) d

1

4. The height of a door is about _____.

   1) 20 cm

   2) 25 m

   3) 2 m

   4) 2 km

5. How many tens are there in 400?

   1) 0

   2) 4

   3) 40

   4) 400

6. Subtract 60 from 72 hundreds. The answer is _____ __.

   1) 1 200

   2) 6 607

   3) 6 600
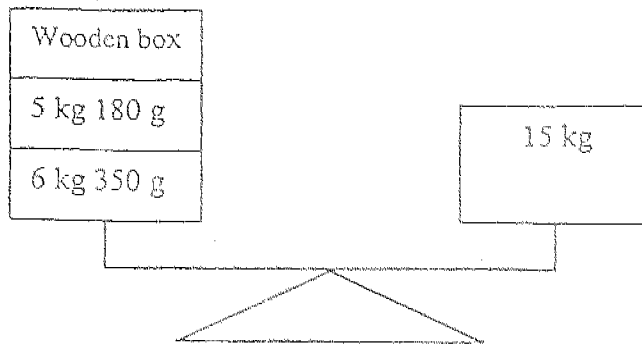
   4) 7 140

7. $23 \times 8 = 20 \times 8 + \boxed{} \times 8$

   What is the missing number in the box?

   1) 24

   2) 8

   3) 3

   4) 4
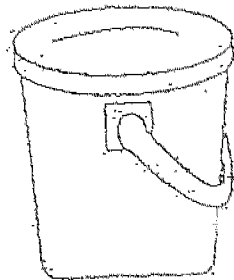
8. Pamela had 7 fifty-cent coins, 9 twenty-cent coins and 15 five-cent coins. How much did she have altogether?

   1) $4.05

   2) $5.15

   3) $6.05

   4) $6.80

2

Wooden box
5 kg 180 g
6 kg 350 g

15 kg

9. For the weighing scale to balance, what should be the mass of the wooden box?

1) 3 kg 470 g
2) 4 kg 570 g
3) 11 kg 530 g
4) 26 kg 530 g

pail

jug

mug
275 ml

10. The pail can fill 8 similar jugs with water. The jug can fill 3 similar mugs with water. What is the capacity of the pail?

1) 825 ml
2) 1 l 325 ml
3) 2 l 200 ml
4) 6 l 600 ml

11. Mrs Yong cut a mooncake into a few equal pieces. Her son ate 3 pieces and her daughter ate 2 pieces. If 1 piece was left, what fraction of the mooncake did her daughter eat?

1) $\frac{1}{6}$

3) $\frac{1}{3}$

2) $\frac{1}{4}$

4) $\frac{1}{2}$

3

2	4
6	8

8	16
24	32

32	64
96	A

12. The value of A is _____.

1) 88
2) 162
3) 128
4) 262

13. 4 thousands, 16 tens and 8 ones is the same as _____.

1) 4 024
2) 4 168
3) 4 268
4) 5 608

663		3 208		1 024

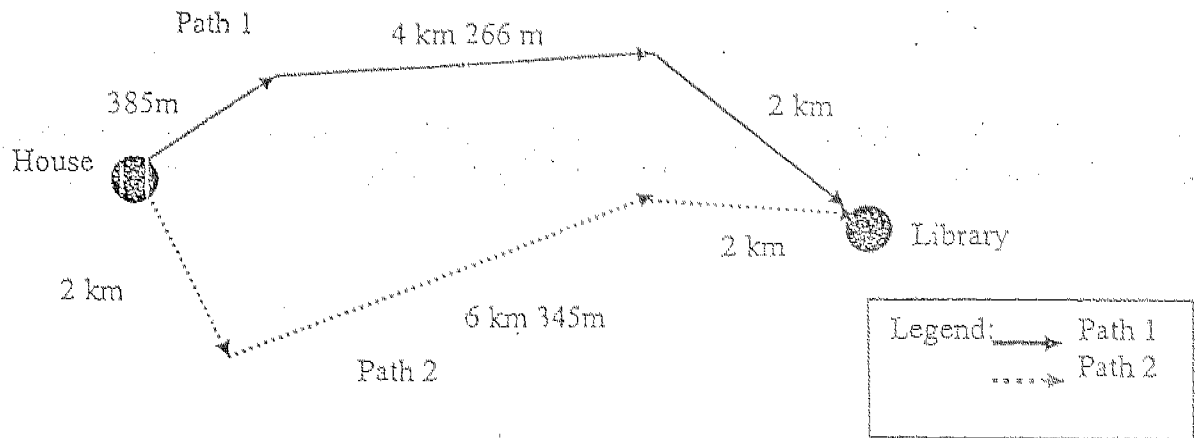14. The difference between the largest and the smallest of the numbers is _____.

1) 361
2) 2 184
3) 2 545
4) 3 871

15. 3 boys and 4 girls shared 987 beads equally. How many beads did the 3 boys receive in total?
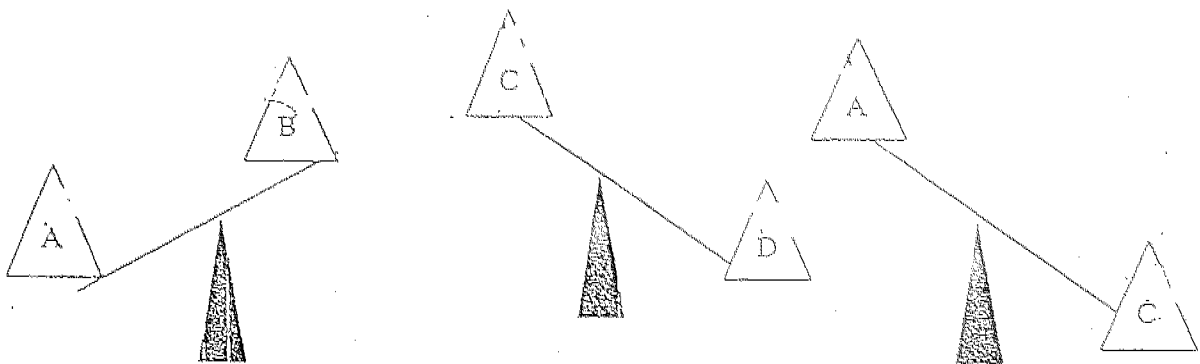
1) 564
2) 423
3) 323
4) 141

4

16. Mr Lim used 2 418 tiles on Monday. He used 480 more on Tuesday than on Monday and 282 fewer on Wednesday than on Monday. How many tiles did he use altogether?

1) 3 180
2) 6 492
3) 7 452
4) 8 016

17. Michael decided to go to the library from his house. He could choose to travel by either Path 1 or Path 2. What is the difference in distance between Path 1 and Path 2?

1) 2 km 179 m
2) 3 km 694 m
3) 3 km 804 m
4) 5 km 694 m

18. A, B, C and D are objects. Which is the heaviest?

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

5

19. Joanna had 12 stamps. She gave 3 stamps to her sister and 5 stamps to her brother. What fraction of the stamps did she have left?

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

3) $\frac{5}{12}$

2) $\frac{1}{3}$

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

20. The capacity of a container is 5 times that of a flask. If the total capacity of the container and the flask is $1\,l\,860\,ml$, find the capacity of the flask.

1) $240\,ml$
2) $310\,ml$

3) $1\,l\,150\,ml$
4) $1\,l\,550\,ml$

6

Name : __ _____ ____ _ (   )
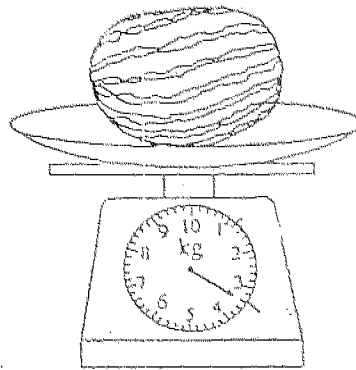
Date: _____

Class: Primary 3

Time: 1 h 45 min

<u>Section B</u> (2 marks each)
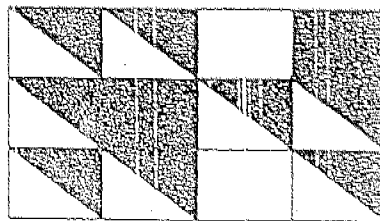Write your answers in the blanks provided. All working must be clearly shown.

21. $7\,209 + 42 = 7\,000 + 200 +$ _____ .

Ans: _____
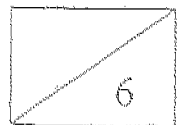
22.   The weighing scale shows the mass of one watermelon. What would be the mass of 3 such watermelons?

Ans:__ ____kg____g

23.   What fraction of the figure above is shaded?

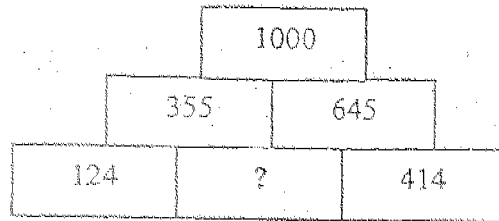Ans: ____ _____

7

24. Arrange the following set of fractions in order, beginning with the smallest.

$$\frac{3}{4}, \quad \frac{7}{12}, \quad \frac{2}{3}$$

Ans: _____

```
         ┌──────────┐
         │   1000   │
      ┌──────┬──────┐
      │ 355  │ 645  │
   ┌──────┬──────┬──────┐
   │ 124  │  ?   │ 414  │
   └──────┴──────┴──────┘
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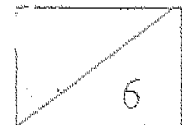
25. Find the missing value in the box.

Ans: _____

26. A factory worker packs 10 sweets into 1 plastic bag. If there are 8 boxes containing 120 sweets each, how many plastic bags will she need?
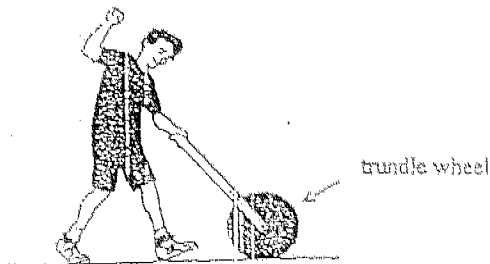
Ans: _____

6

3

Erasers	Pencils	Pen
4 for $1.00	3 for $1.50	2 for $2.80

27. Mrs Wong bought 8 erasers, 4 pens and 6 pencils. How much change did she receive if she paid the cashier $15?
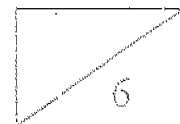
Ans: $ _____

trundle wheel

28. A trundle wheel clicks at every 1 metre it travels. How many times will a trundle wheel click when it travels half a kilometre?

Ans: _____

29. The total mass of a bag and 7 identical books is 1 kg 470 g. The mass of the bag is the same as the mass of the books. What is the mass of each book?
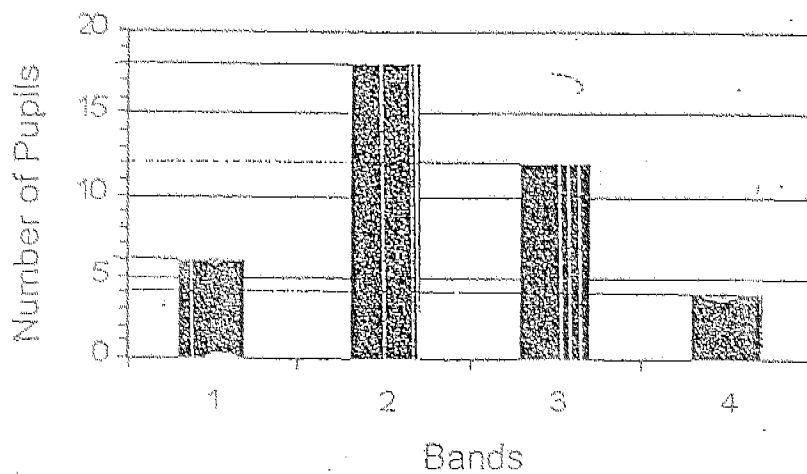
Ans: _____ g

9

Mabel read the timetable at a bus interchange.
Use the information below to answer question 30.

Time bus leaves the bus interchange	Time bus arrives at the airport
8.30 a.m	9.15 a.m
8.45 a.m	9.30 a.m
9.20 a.m	10.05 a.m
9.45 a.m	10.30 a.m
10.30 a.m	11.15 a.m

30. Mabel wants to be at the airport before 10.40 a.m. She does not want to leave her house before 9.30 a.m. She should board the bus that leaves the interchange at _____ a.m
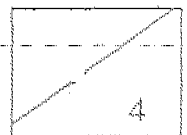
Ans: _____ a.m

Study the graph below and answer question 31.
The graph below shows the score of 40 pupils during a recent Mathematics test.

31. The teacher will award prizes to pupils who have scored a Band 2 or better grade. How many pupils will receive prizes?
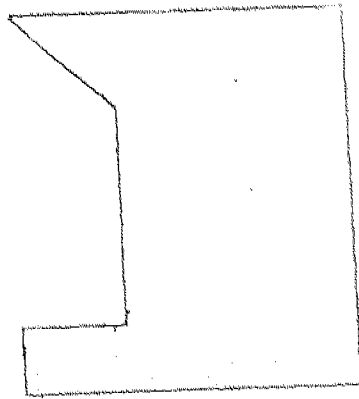
Ans: _____

10

32. Adam ate 2 slices of a pizza and his mother ate another 3 slices of it. If his father ate $\frac{1}{2}$ of the remaining pizza and there were still 2 slices left, how many slices of pizza were there at first?
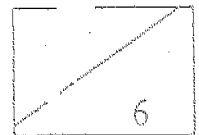
Ans: _____ _____

33. In the figure below, how many of the marked angles are right angles?

Ans: _____

34. The sum of 2 numbers is 260. When you subtract one of the numbers from the other, you get 20. What are the 2 numbers?

Ans: _ _____, _____ _

6

11

35. Complete the number pattern.

2 268 , 2 280 , 2 293, _____ , 2 322 _____

Ans : _____ __, _____

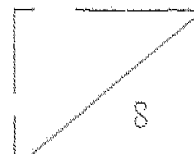36. The sum of 6 thousands, 9 hundreds, 12 tens and 16 ones is _____ .

Ans : _____ . _____

37. Mr Li had a total of 314 cameras and calculators. There were 42 more cameras than calculators. Mr Li sold 80 cameras. How many cameras does he have now?

Ans : _____

38 John had 87 beads. Mrs Lee gave John and Ben some more beads, which were shared equally between them. If John has 105 beads now, how many beads did Mrs Lee give them?
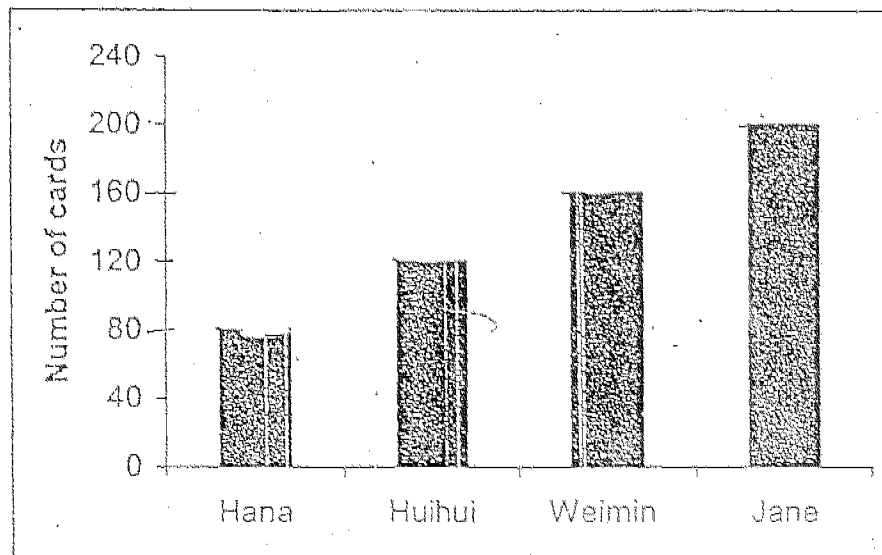
Ans : _____

12

8

Study the table below and answer question 39.

Rides	Fare per ride.
Bumper Car	$2.50
Roller Coaster	$1.50
Viking	$1.00

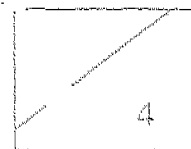39. Siti wants to try all the rides at least once. What is the maximum number of rides Siti can have if she has $10?

Ans : _____

The graph below shows the number of cards collected by 4 pupils. Study at it carefully and answer question 40.

40. How many cards must Jane give to Huihui so that they would each have an equal number of cards?

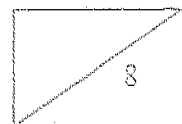Ans : _____

4

13

Section C: (4 marks each)
All working and statements must be clearly shown.

41. School A had 200 more pupils than School B. If there were 2 200 pupils in School B, how many pupils were there in School A?

Ans : _____

42. A book has 250 pages. Jeremy read 9 pages a day for 15 days. How many days did he take to read the remaining pages if he read only 5 pages a day?

Ans : _____

14

43. Raju and Ali had same amount of money at first. After Raju had spent $25 of his money, he had $45 left. If Ali spent $30 of his money on a book, how much money would he have left ?

Ans : _____

44. Mrs Chan boarded a bus at 2.30 p.m to go to Bugis Junction. The bus ride took 35 minutes. After shopping for 3 hours, she arrived home by taxi at 6.30 p.m How long was the taxi ride?
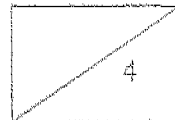
Ans : _____

15

45. A gardener planted some rose plants along one side of a fence. Each rose plant was placed 6 cm apart.

a) What was the distance between the 1st rose plant and the 6th rose plant?
(Give your answer in metres and centimetres)

b) If the distance between the 1st rose plant and the last rose plant was 240 cm, how many rose plants did the gardener plant?

END OF PAPER
PLEASE CHECK YOUR
ANSWERS.

SINGAPORE CHINESE GIRLS PRIMARY SCHOOL
SECOND SEMESTRAL ASSESSMENT 2004
PRIMARY 3
MATHEMAITCS

1) 3

2) 4

3) 3

4) 3

5) 3

6) 4

7) 3

8) 3

9) 1

10) 4

11) 3

12) 3

13) 2

14) 3

15) 2

16) 3

17) 2

18) 4

19) 2

20) 2

21) 51

22) 10 kg 200 g

23) 1/2

24) 7/12, 2/3. 3/4

25) 231

26) 96 plastic bags

27) 4.40

28) 500 times

29) 105

30) 9.45

31) 24 pupils

32) 9 slices of pizza

33) 4 marked angles

34) 120, 140

35) 2307, 2338

36) 7036

37) 98 cameras

38) 36 beads

39) 8 rides

40) 40 cards

41) 2400 pupils

42) 23 days

43) $ 40

44) 25 minutes

45) a) 30 cm

    b) 41 rose plants