SA2

Nan Hua Primary School
End-of-Year Examination 2005
Mathematics
Primary Three

Name: _____ ( )

Class: Pr 3 ____

Marks: ____ / 100

Date: 27th October 2005

Duration: 1h 45min

_____
Parent's Signature

Section A (20 × 2 marks)
Choose the correct answer and write its number (1, 2, 3 or 4) in the brackets provided.

1. In 8 435, the digit '4' stands for _____.

(1) 4 ones
(2) 4 tens
(3) 4 hundreds
(4) 4 thousands ( )

2. Which of the following is equal to 2 708?

(1) 20 hundreds, 7 tens and 8 ones
(2) 2 thousands + 708 ones
(3) Two thousand and seventy-eight
(4) 2 000 + 700 + 80 ( )

3. What is the **remainder** when 241 is divided by 7?

(1) 1
(2) 2
(3) 3
(4) 4 ( )

67

4. Which of the following has the **greatest** value?

(1) 224 + 336 =
(2) 1 000 − 650
(3) 139 + 420 =
(4) 890 − 501 =

5. Which of the following is the **shortest**?

(1) 3 090 cm
(2) 3 km 90 m
(3) 3 m 9 cm
(4) 309 m

6. How many seconds are there in 3 minutes?

(1) 30
(2) 60
(3) 180
(4) 300 ( )

7. How many 20-cent coins make up $3?

(1) 5
(2) 15
(3) 20
(4) 30 ( )

8. The mass of a watermelon is about _____.

(1) 100 g
(2) 1000 g
(3) 10 kg
(4) 100 kg ( )

48

9. What fraction of the figure shown below is **shaded**?

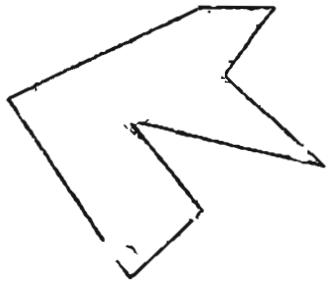
(1) $\frac{3}{10}$

(2) $\frac{3}{5}$

(3) $\frac{5}{7}$

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

10. How many angles are there in the figure below?



(1) 5
(2) 7
(3) 3
(4) 8 ( )

69

11. Which of the figures have the **same** perimeter as Figure A?

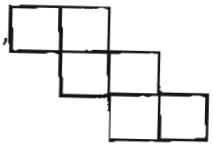
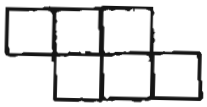
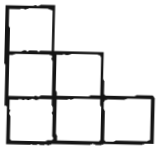


Figure A

(1) 

(3) 

(2) 

(4) 

( )

12. The product of 45 and 7 is _____ .

(1) 31 tens and 5 ones
(2) 3 tens and 15 ones
(3) 30 tens and 5 ones
(4) 31 tens and 15 ones ( )

13. One mango weighs 200 g. How many mangoes will weigh 1 kg?

(1) 7
(2) 6
(3) 5
(4) 4 ( )

50

14. If ☆ stands for 2 kg and ☾ stands for 500g.
Which one of the following stands for 6 kg.

(1) ☆ ☆ ☆ ☾

(2) ☆ ☆ ☾ ☾ ☾

(3) ☆ ☾ ☾ ☾ ☾ ☾

(4) ☆ ☆ ☾ ☾ ☾ ☾ ( )

15. How much paint is needed to paint 4 boxes if one box requires 505 ml of paint?

(1) 509 ml
(2) 920 ml
(3) 2 ℓ 20 ml
(4) 2 ℓ 200 ml ( ).

16. Which one of the following fractions is equivalent to $\frac{2}{3}$?

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

(2) $\frac{3}{6}$

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

(4) $\frac{8}{12}$ ( )

5,

17. Which one of the following angles is **greater than a right angle**?

(1) 

(3) 

(2) 

(4) 

( )

18. What is the time shown on the clock?

(1) 1.22 pm
(2) 1.50 pm
(3) 4.06 pm
(4) 4.13 pm

( )

19. Henry divided his marbles equally into 6 bags and had 5 marbles left. There were 37 marbles in each bag. How many marbles did he have altogether?

(1) 48
(2) 191
(3) 227
(4) 407

( )

52

20. A rope is 7 m long. It is cut into 2 pieces. If one piece is 4 m 56 cm long, what is the length of the other piece?

(1) 2 m 44 cm
(2) 2 m 54 cm
(3) 3 m 86 cm
(4) 4 m 49 cm ( )

Section B (20 × 2 marks)
Write the correct answers in the boxes below.

21. What is the **smallest** 4-digit number that can be formed with the digits 9, 1, 0 and 7?

22. Write **3 047** in words.

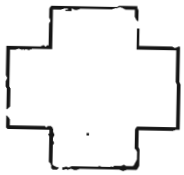
23. 1 2, 6, _____, 120. The missing number in the pattern is _____.

24. What is the product of 8 and 9?

5-3

25. What is the difference between 1 084 and 99?

26. How many **right** angles are there **inside** the figure below?



right angles

27. A piano lesson ended at 2.30 p.m. and lasted for 1 h 45 min.

What time did it start?

p.m.

28. Express $\frac{6}{10}$ in its **simplest form.**

29. John has 144 sweets. He shares them with 8 of his classmates.

How many sweets would each child get?

sweets

30. A swimming pool has a length of 10 m and a width of 25 m.

What is its area?

[ ] m^2

31. Mina weighs 30 kg. Her father weighs 5 times as much as Mina.

What is their total mass?

[ ] kg

32. A cake was cut into 16 pieces. Peter ate $\frac{3}{8}$ of the cake.

How many pieces of cake did he eat?

[ ]

Mr Raja packed 536 bottles of drinks into packets of 6.

How many complete packets of 6 would he get?

[ ] packets

34. Sue had 10 fifty-cent coins in her purse. She paid $1.75 for her sweets.

How much money had she left?

$ [ ]

35. Alvin has two boxes. One of the boxes is 46 cm while the other is 20 cm taller.

Alvin puts the boxes one on top of the other. What is their total height?

[ ] cm

36. An egg-seller bought 1 000 eggs. 40 of them were broken.

He put the rest of them into trays of 8 eggs each.

How many trays of eggs were there?

[ ] trays

37. A storybook costs $12.50. It is 5 times the cost of a magazine.

What is the total cost of a storybook and a magazine?

$ [ ]

38. Arrange the following fractions in order. Begin with the smallest.

$\frac{5}{6}$, $\frac{1}{2}$, $\frac{2}{3}$

[ ]

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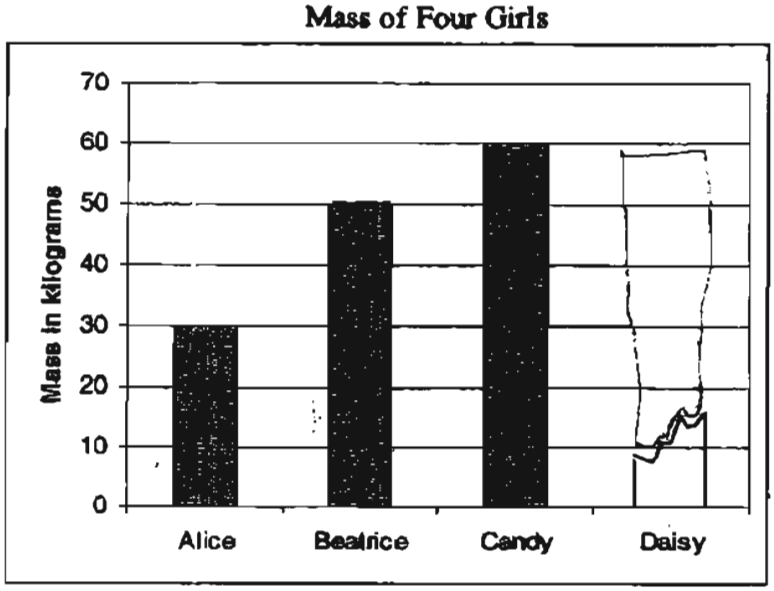
The graph below shows the mass of 4 girls. Study the graph carefully and answer Questions 39 and 40.



39. If the total mass of the 4 girls is 200 kg, what Daisy's mass.

kg

40. What is the difference between Candy's and Alice's mass?

kg

Section C: (4 × 5 marks)
Do the sums and show all workings clearly.

41. Ben had 23 more marbles than Ali. The two boys had 187 marbles altogether. How many marbles did Ben have?

42. There were 6 794 spectators at a football match. 3 000 of the spectators were children. 1 120 women attended the match. How many men were at the football match?

5-8

43. Alice poured 1 litre of orange juice equally into 5 glasses. While pouring into one of the glasses, she spilled some of the orange juice. There was only 165 ml of orange juice left in that glass. How much orange juice did she spill?

44. The perimeter of the square is the same as the rectangle.
Find the area of the rectangle.

59

45. Kumar left for his grandmother's house at 10.30 am. He took 2 hours to travel there. He left her house at 3.20 p.m.

a) What time did he reach his grandmother's house?

b) How long did he stay at his grandmother's house?

End- of --Paper

Have you checked your work?

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NAN HUA PIMARY SCHOOL
PRIMARY 3 MATHEMATICS 2005
SEMESTRAL ASSESSMENT 2

SAL

ANSWER SHEEETS

1. 3
2. 2
3. 3
4. 1
5. 3
6. 3
7. 2
8. 2
9. 4
10. 4
11. 2
12. 1
13. 3
14. 4
15. 3
16. 4
17. 4
18. 1
19. 3
20. 1
21. 1079
22. three thousand and forty-seven
23. 24
24. 72
25. 985
26. 8
27. 12.45
28. 3/5
29. 16
30. 250
31. 180
32. 6
33. 89
34. $3.25
35. 112cm
36. 120
37. $15.00
38. 1/2,2/3,5/6
39. 60kg
40. 30kg

41. 187-23=164
    164/2=82
    82+23=105
    Ben had 105 marbles.

42. 3000+1120=4120
    6794-4120=2674
    There were 2674 men at the football match.

43. 12/5=200ml
    200ml-165ml=35ml
    She spilled 35ml of orange juice.

44. perimetre=6m+6m+6m+6m=24m
    Length=24m-8m=16m
    =16m/2=8m
    LxB=8mx4m=32m^2
    the area of the rectangle is 32m^2

45. 2h-30min=1h 30min
    Kumar reached his grandmother house 1h 30min after 11.00a.m

    Kumar reached his grandmother house at 12.30p.m

    3.20p.m-12.30p.m=2h 50min
    He stayed at his grandmother's house for 2h 50min.

6/
— END.