



RAFFLES GIRLS' PRIMARY SCHOOL

SEMESTRAL ASSESSMENT (1)

2006

Name : _____ Class: P3 _____ Index No: _____

9 May 2006

MATHEMATICS Att: 1 h 45 min

Your Score Out of 100 marks		
	Class.	Level
Highest score		
Average score		
Parent's Signature		

SECTION A (20 X 2 = 40 marks)

For each of the questions 1 to 20, four options are given. Choose the correct answer and write its number (1, 2, 3 or 4) in the brackets provided.

1. For 2481, the digit '8' is in _____ place.

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

()

2. 4809 can be written as _____.

- (1) Four hundred and eighty-nine
- (2) Four thousand and eighty-nine
- (3) Four thousand, eight hundred and nine
- (4) Four thousand, eight hundred and ninety

()

3. What is the sum of 2714 and 1125?

- (1) 1589
- (2) 1611
- (3) 3639
- (4) 3839

()

4. Subtract 295 from 1001. The answer is _____.

- (1) 706
- (2) 816
- (3) 1294
- (4) 1296

()

5. The product of 84 and 6 is _____.

- (1) 14
- (2) 78
- (3) 484
- (4) 504

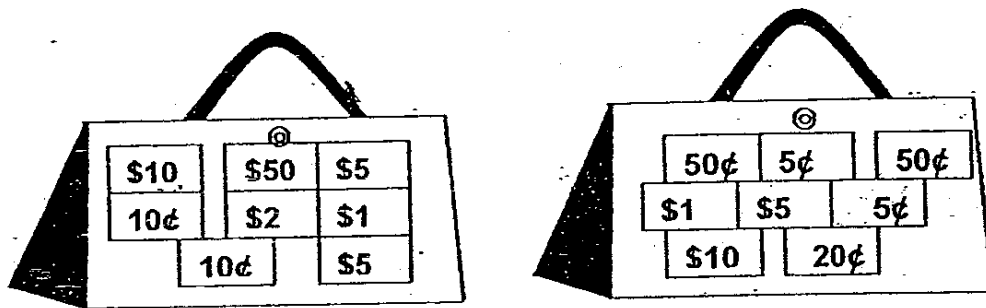
()

6. What is the quotient when 67 is divided by 8?

- (1) 5
- (2) 8
- (3) 3
- (4) 11

()

7. The total amount of money in both suitcases is _____.



- (1) \$80.50
- (2) \$90.50
- (3) \$90.55
- (4) \$93.00

()

8. 509 cm is the same as _____.

- (1) 5 m 9 cm
- (2) 5 m 90 cm
- (3) 50 m 9 cm
- (4) 50 m 90cm

()

9. Which of the following set of numbers is arranged in ascending order?

- (1) 1024, 1204, 1240, 2140
- (2) 1040, 1400, 2100, 2010
- (3) 3120, 2189, 2014, 1827
- (4) 4287, 4394, 2898, 3011

()

10. Which number is missing in the following number pattern?
2079, 2089, 2099, _____

- (1) 2010
- (2) 2089
- (3) 2109
- (4) 2199

()

11. What is the sum of 4789 and 2222?

- (1) 2567
- (2) 6911
- (3) 7001
- (4) 7011

()

12. If $A = 129 + 448$ and $B = 108 + 297$, what is the difference between A and B?

- (1) 130
- (2) 172
- (3) 508
- (4) 982

()

13. $108 \div 9 = 3 \times$

What is missing number in the box?

- (1) 12
- (2) 27
- (3) 3
- (4) 4

()

14. 4 girls and 3 boys shared 28 green beads and 56 red beads equally among themselves. How many beads did each child get?

- (1) 8
- (2) 12
- (3) 21
- (4) 4

()

15. Lisa had \$18.05 at first. She later received \$12.05 from her mother and ninety-five cents from her brother. How much did Lisa have altogether?

- (1) \$30.00
- (2) \$30.10
- (3) \$31.05
- (4) \$31.10

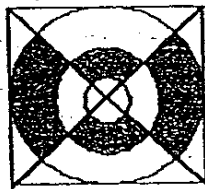
()

16. Linda used 3 m 85 cm of a rope and had 75 cm of it left. How long was the rope at first?

- (1) 310 m
- (2) 310 cm
- (3) 460 m
- (4) 460 cm

()

17. Study the diagram below carefully. There is/are _____ more triangle(s) than circles.



- (1) 1
- (2) 2
- (3) 3
- (4) 5

()

18. John has 4 times as many marbles as Peter. If John has 24 marbles, how many marbles do both of them have altogether?

- (1) 6
- (2) 20
- (3) 30
- (4) 96

()

19. An oven costs \$350. This is 7 times the cost of a telephone. What is the total cost of two telephones and an oven?

- (1) \$50
- (2) \$100
- (3) \$400
- (4) \$450

()

20. A gold pendant costs \$80.05. How much does a silver pendant cost if the gold pendant is \$17.18 more than the silver pendant?

- (1) \$61.77
- (2) \$62.87
- (3) \$97.13
- (4) \$97.23

()

SECTION B (20 X 2 = 40 marks)

Write the correct answer for each sum in the boxes provided.

21. _____, 109, 129, 159, _____, 249.

Answer: ,

For questions 22 and 23, write down the correct digit in the boxes provided.

22.

$$\begin{array}{r} \square \quad 2 \quad 4 \\ + \quad 2 \quad 8 \quad 8 \\ \hline 8 \quad \square \quad 2 \\ \hline \end{array}$$

23.

$$\begin{array}{r} \square \quad 6 \quad \square \\ - \quad 2 \quad 4 \quad 5 \\ \hline 5 \quad 2 \quad 4 \\ \hline \end{array}$$

24. Multiply 165 by 9.

Answer:

25. $500 \div 4 = 100 + \square$

Answer:

26. Write Thirteen dollars and fifty-three cents in figures.

Answer: \$

27. 6 km 50m - m = 1005 m

Answer: m

28. What is the value of 3 hundreds, 3 tens and 12 ones?

Answer:

29. Arrange these numbers in descending order: 4021, 4201, 4120, 4012

Answer:

30. Add 20 tens to the product of 175 and 8.

Answer:

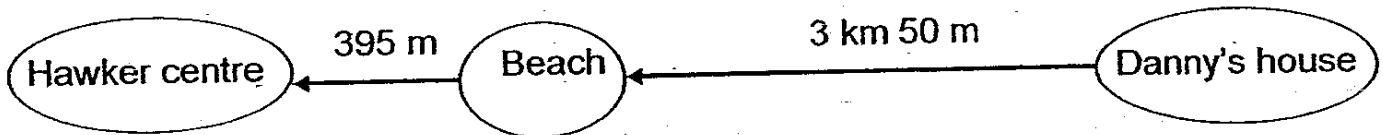
31. What is the smallest 4-digit even number you can form using the digits 8, 5, 0, 2? Use each digit only once.

Answer:

32. Rita has 3 one-dollar coins, 5 fifty-cent coins, 4 ten-cent coins and 2 five-cent coins in her wallet. How much money does she have?

Answer: \$

33. Danny drives 3 km 50 m from his house to the beach. He then drives another 395 m to the hawker centre. What is the distance covered by Danny?



Answer :

m

34. There are five squares in Diagram A and _____ triangles in Diagram B below.

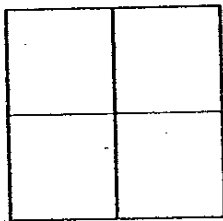


Diagram A

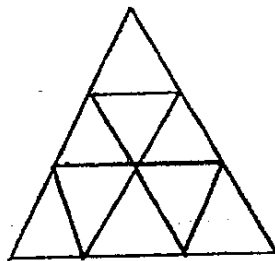
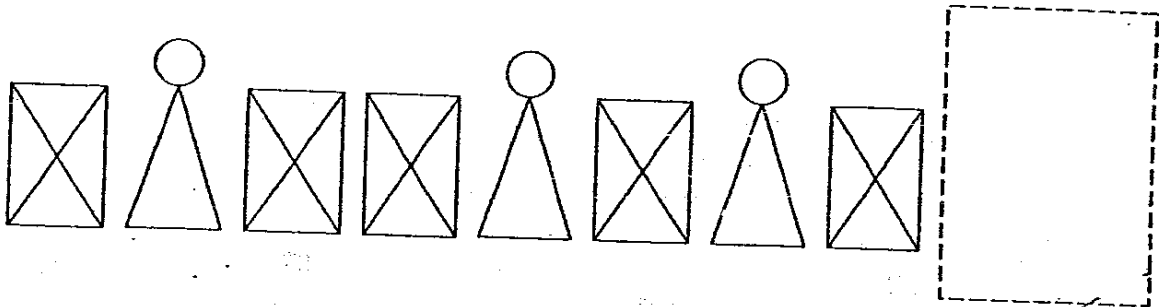


Diagram B

Answer:

35. Study the pattern below. Draw the next shape in the dotted box.



36. How many hundreds are there when you multiply 260 by 5?

Answer:

37. Study the expressions below carefully. What is the missing number in the box?

$$\star \star + \text{crescent} = 84$$

$$\star + \text{crescent crescent} = 93$$

$$\star + \text{crescent} = \boxed{?}$$

Answer:

38. There are two different numbers, A and B. The difference between number A and number B is half the value of number A. If the sum of number A and number B is 900, what is the value of number A?

Answer:

39. 92 people attended a party. The number of adults is thrice the number of children. If all the people ate 6 fish balls each, how many fish balls did the adults eat altogether?

Answer:

40. Mrs Lee bought 2 packets of sweets. Each packet of sweets contained 72 sweets. She gave 4 sweets to each pupil in her class. How many pupils were there in her class?

Answer:

pupils

SECTION C (20 marks)

For questions 41 to 46, show your working clearly in the space provided. The mark for each question is shown.

41. Ali bought a handphone for \$320, a bicycle which cost \$64 less than the handphone and a watch which cost \$47 less than the bicycle. What is the cost of the watch? (3 marks)

42. In one week, Hazel spent \$115 and her sister spent 3 times as much as her. How much money did they spend altogether in 4 weeks? (3 marks)

43. The cost of 2 computers and 2 MP3 players is \$3400. An MP3 player costs \$408 less than a computer.
What is the cost of a computer? (3marks)

44. Ruby bought 6 blouses for \$12 each in Shop A. She then went to Shop B and bought the same number of blouses and paid \$37.50 lesser than in Shop A.
If she gave a \$100 note to the cashier in Shop B, how much change would she receive? (3 marks)

45. Box A has 1456 stickers while Box B has 698 stickers more than Box A. Box C has the same number of stickers as the sum of stickers in Box A and Box B.
What is the total number of stickers in all the 3 boxes? (4 marks)

46. Mrs Tan gave Abdul, Ravi and Tommy 378 stamps. Tommy received 3 times as many stamps as Abdul while Ravi received half as many stamps as Abdul.
How many stamps did Abdul and Tommy receive altogether? (4 marks)

Answer Sheets
Raffles Girls' Pri 3 SA1 / 2006 Maths

- | | | | | |
|-------|-------|-------|-------|-------|
| 1) 2 | 2) 3 | 3) 4 | 4) 1 | 5) 4 |
| 6) 2 | 7) 2 | 8) 1 | 9) 1 | 10) 3 |
| 11) 4 | 12) 2 | 13) 4 | 14) 2 | 15) 3 |
| 16) 4 | 17) 4 | 18) 3 | 19) 4 | 20) 2 |

21. 91, 109, 129, 159, 199, 249

22. 524 + 288 = 812

23. 524 + 245 = 769

24. 165 x 9 = 1485

25. 500 ÷ 4 = 100 + 25

26. \$13.53¢

27. 6km 50m = 6050m
6050 - 1005 = 5045m

28. 300 + 30 + 12 = 342

29. 4201, 4120, 4021, 4012

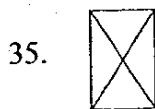
30. 175 x 8 = 1400
20 x 10 = 200
1400 + 200 = 1600

31. 2058

32. 3 x \$1.00 = \$3.00
5 x 0.50¢ = \$2.50
4 x 0.10¢ = \$0.40¢
2 x 0.05¢ = \$0.10¢
\$(3.00 + 2.50 + 0.40 + 0.10) = \$6.00

33. 3km 50m = 3050m
= (3050 + 395)m
= 3445m

34. 13 triangles in Diagram B



36. 260 x 5 = 1300
1300 ÷ 100 = 13 hundreds

37. 2 stars + 1 moon = 84
1 star + 2 moons = 93
3 stars + 3 moons = 93 + 84
= 177
= 177 ÷ 3
= 59

38. A = 1 unit + 1 unit = 2 units
B = 1 unit
2 units + 1 unit = 3 units
= 900 ÷ 3 units
= 600
Value A is 600

$$\begin{aligned}
 39. \quad & 1 \text{ unit} = \text{children} \\
 & 3 \text{ units} = \text{adults} \\
 & 4 \text{ units} = 92 \text{ people} \\
 & 1 \text{ unit} = 23 \text{ children} \\
 & 3 \text{ units} = 23 \times 3 = 69 \text{ adults} \\
 & \quad = 69 \times 6 \text{ fish balls} \\
 & \quad = \underline{414 \text{ fish balls}}.
 \end{aligned}$$

$$\begin{aligned}
 40. \quad & 2 \times 72 = 144 \text{ sweets} \\
 & 144 \div 4 = \underline{36 \text{ pupils}}
 \end{aligned}$$

$$\begin{aligned}
 41. \quad & \text{Handphone} = \$320.00 \\
 & \text{Bicycle} = \$(320 - 64) = \$256.00 \\
 & \text{Watch} = \$(256 - 47) = \$209.00
 \end{aligned}$$

The cost of the watch is \$209.00

$$\begin{aligned}
 42. \quad & \text{Hazel} = \$115 \\
 & \text{Sister} = \$115 \times 3 = \$345.00 \\
 & \quad = \$(345 + 115) \times 4 \\
 & \quad = \$1840.00
 \end{aligned}$$

They spend \$1840 altogether in 4 weeks.

$$\begin{aligned}
 43. \quad & 2 \text{ computers} + 2 \text{ MP3 players} = \$3400 \\
 & \quad = \$3400 - (408 \times 2) \\
 & \quad = \$3400 - \$816 \\
 & \quad = \$2584 \div 4 \\
 & \quad = \$646 + \$408 \\
 & \quad = \$1054.00
 \end{aligned}$$

The computer cost \$1054.00

$$\begin{aligned}
 44. \quad & \text{Shop A} = \$12 \times 6 = \$72.00 \\
 & \text{Shop B} = \$(72 - 37.50) \\
 & \quad = \$34.50 \\
 & \quad = \$(100 - 34.50) \\
 & \quad = \$65.50
 \end{aligned}$$

She would receive \$65.50 from Shop B.

45. Box A = 1456 stickers
Box B = 1456 + 698
= 2154 stickers
Box C = 2154 + 1456 stickers + 3610
= (1456 + 2154 + 3610)
= 7220 stickers

Total stickers in the 3 boxes are 7220 stickers

46. Tommy = 2 x 3 = 6 units
Abdul = 2 units
Ravi = 1 unit

$$\begin{aligned} 378 \div 9 &= 42 \text{ stamps} \\ \text{Ravi} &= 42 \times 1 = 42 \text{ stamps} \\ \text{Abdul} &= 42 \times 2 = 84 \text{ stamps} \\ \text{Tommy} &= 42 \times 6 = 252 \text{ stamps} \\ &= (252 + 84) \\ &= 336 \text{ stamps} \end{aligned}$$

Both have 336 stamps altogether.