



# 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

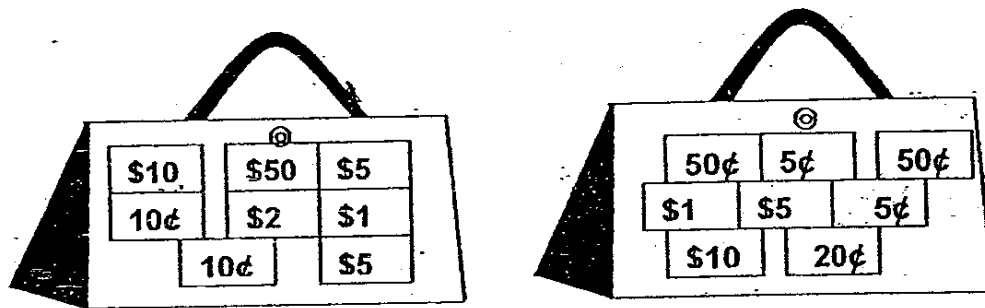
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6. What is the quotient when 67 is divided by 8?

- (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

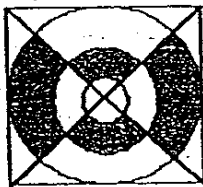
( )

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.

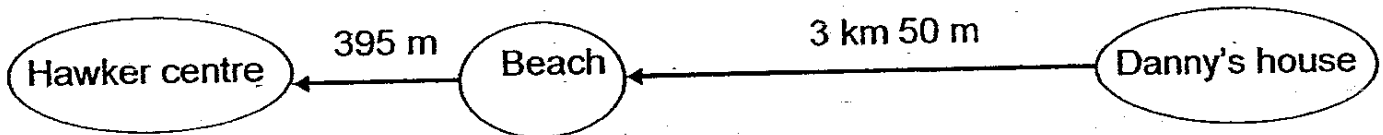
Answer:



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.

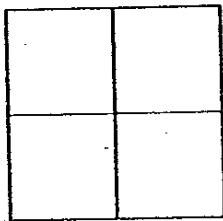


Diagram A

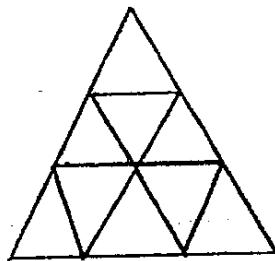
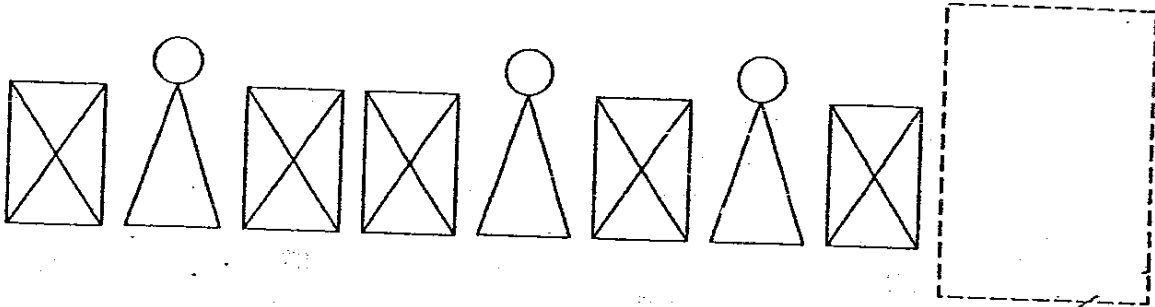


Diagram B

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

23.  $524 + 245 = \underline{769}$

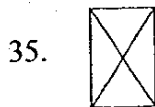
25.  $500 \div 4 = 100 + \underline{25}$

27.  $6\text{km } 50\text{m} = 6050\text{m}$   
 $6050 - 1005 = \underline{5045\text{m}}$

29. 4201, 4120, 4021, 4012

31. 2058

33.  $3\text{km } 50\text{m} = 3050\text{m}$   
 $= (3050 + 395)\text{m}$   
 $= \underline{3445\text{m}}$



37.  $2 \text{ stars} + 1 \text{ moon} = 84$   
 $1 \text{ star} + 2 \text{ moons} = 93$   
 $3 \text{ stars} + 3 \text{ moons} = 93 + 84$   
 $= 177$   
 $= 177 \div 3$   
 $= \underline{59}$

22.  $\underline{524} + 288 = \underline{812}$

24.  $165 \times 9 = \underline{1485}$

26. \$13.53¢

28.  $300 + 30 + 12 = \underline{342}$

30.  $175 \times 8 = 1400$   
 $20 \times 10 = 200$   
 $1400 + 200 = \underline{1600}$

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

34. 13 triangles in Diagram B

36.  $260 \times 5 = 1300$   
 $1300 \div 100 = \underline{13}$  hundreds

38.  $A = 1 \text{ unit} + 1 \text{ unit} = 2 \text{ units}$   
 $B = 1 \text{ unit}$   
 $2 \text{ units} + 1 \text{ unit} = 3 \text{ units}$   
 $= 900 \div 3 \text{ units}$   
 $= 600$   
Value A is 600

39. 1 unit = children  
 3 units = adults  
 4 units = 92 people  
 1 unit = 23 children  
 3 units =  $23 \times 3 = 69$  adults  
           =  $69 \times 6$  fish balls  
           = **414 fish balls.**

40.  $2 \times 72 = 144$  sweets  
 $144 \div 4 = \mathbf{36}$  pupils

41. Handphone = \$320.00  
 Bicycle =  $$(320 - 64) = \$256.00$   
 Watch =  $$(256 - 47) = \$209.00$

The cost of the watch is **\$209.00**

42. Hazel = \$115  
 Sister =  $\$115 \times 3 = \$345.00$   
           =  $$(345 + 115) \times 4$   
           = \$1840.00

They spend **\$1840** altogether in 4 weeks.

43. 2 computers + 2 MP3 players = \$3400  
   =  $\$3400 - (408 \times 2)$   
   =  $\$3400 - \$816$   
   =  $\$2584 \div 4$   
   =  $\$646 + \$408$   
   = \$1054.00

The computer cost **\$1054.00**

44. Shop A =  $\$12 \times 6 = \$72.00$   
 Shop B =  $$(72 - 37.50)$   
           = \$34.50  
           =  $$(100 - 34.50)$   
           = \$65.50

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.