

Year 4 Term 2 Test

Student Name: _____	Grade: _____
Date: _____	Score: _____

- Answer the questions in the spaces provided on the question sheets.
- If you run out of room for an answer, continue on the back of the page.
- This test has 50 questions, for a total of 100 marks.
- Do not use a calculator.
- Attempt all 50 questions.
- Time allowed: 60 minutes.

Page:	1	2	3	4	5	6	7	8	9	10	11	12	Total
Marks:	10	10	10	10	4	6	6	4	10	10	10	10	100
Score:													

This edition was printed on June 2, 2017 with **answers**.

Camera ready copy was prepared with the **L^AT_EX²_ε** typesetting system.

Copyright © 2000 - 2011 Yimin Math Centre (www.yiminmathcentre.com)

4 Year 4 Term 2 Test

4.1 Whole Numbers

1. What number goes in the \square to make the number sentence true? [2]

$$132 \div 6 + 5 = 45 - \square$$

2. $36 \div 6 \times 2 + 2 - 6 =$ _____ [2]

3. $12 \times 5 \div (13 + 2) - 4 =$ _____ [2]

4. Find the average of 7, 9, 13, and 19. [2]

5. Add the product of 6 and 9 to the sum of 26 and 54. [2]

4.2 Fractions

6. $2\frac{1}{3} + 1\frac{1}{4} =$ _____ [2]

7. $3\frac{1}{4} - 1\frac{1}{3} =$ _____ [2]

8. $1\frac{2}{5} \times \frac{2}{7} =$ _____ [2]

9. $\frac{2}{5} \div 2\frac{1}{2} =$ _____ [2]

10. $\frac{1}{3} + 28 \div \frac{4}{7} =$ _____ [2]

4.3 Decimals

11. $12.48 + 2.6 =$ _____ [2]

12. $12.48 - 2.6 =$ _____ [2]

13. $12.48 \times 2.6 =$ _____ [2]

14. $12.48 \div 2.6 =$ _____ [2]

15. $12.48 - 2.06 =$ _____ [2]

4.4 Percentages

16. Express 0.12 as a percentage: [2]

17. Express 35 out of 50 as a percentage: [2]

18. Express $\frac{1}{4}$ as a percentage: [2]

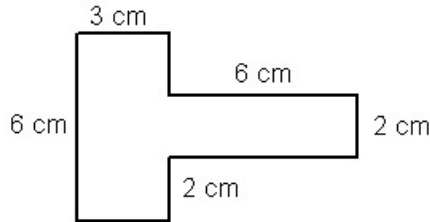
19. A MP3 player has a price marked \$80 was sold on a 25% discount. How much did I pay for this MP3 player? [2]

20. If you express 45% as a decimal you get: [2]

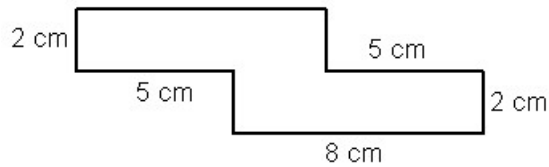
4.5 Measurement

21. Find the perimeter of the figure shown below:

[2]



22. Find the missing lengths of the following shape and then find the perimeter and area of the shape.



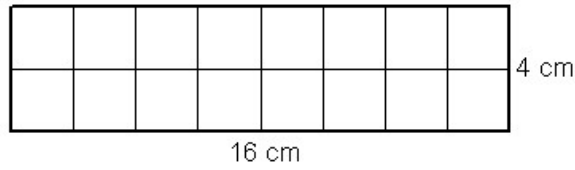
(a) Perimeter = _____

[1]

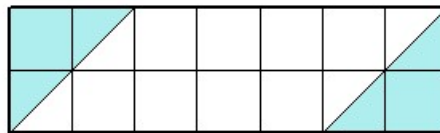
(b) Area = _____

[1]

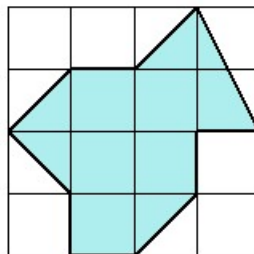
23. A rectangle with a dimension of 16 cm by 4 cm. If you made a square with the same perimeter, [2]
 what would be the area of the square?



24. What fraction of the shape has been shaded? [2]

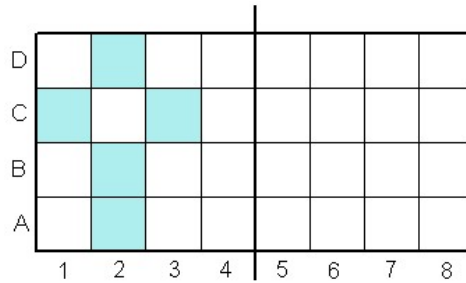


25. If each small square has an area of 4 cm^2 . What is the area of the shaded part? [2]



4.6 Shapes and Graphs

26. Ray is making a design using small square tiles. He has finished the left side and wants to the right side so that the design is symmetry to the centre line. Which squares should be coloured in? [2]



(A) D7, C6, C8, B7 and A7

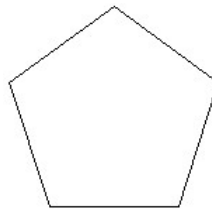
(B) D6, C5, C7, B6 and A7

(C) D7, C5, C7, B7 and A7

(C) D7, C5, C8, B7 and A7

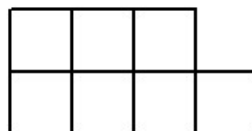
Answer: _____

27. How many diagonals does a regular pentagon have? [2]

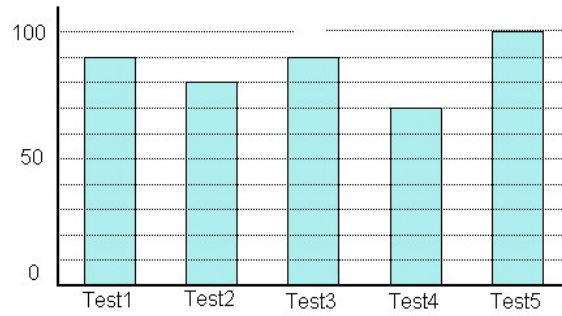


Answer: _____

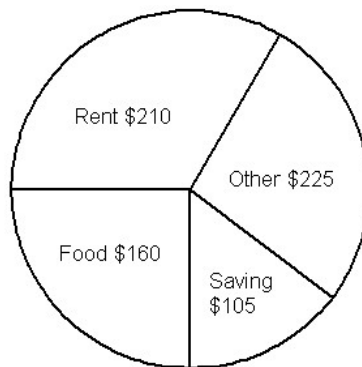
28. How many rectangles does this figure have? [2]



29. The diagram shows the scores of the five tests for David’s last term . What is the average score of the five tests? [2]



30. George’s family weekly expenses are shown in the following sector graph.



(a) What is his total income? [1]

(b) What percentage of his money goes to saving? [1]

4.7 Number Theory

31. Find the sum of the first five prime numbers. [2]

32. Find the sum of the first fifty consecutive numbers. $[1 + 2 + 3 + \dots + 49 + 50]$ [2]

33. What are the next two numbers come next to this sequence? [2]

67, 73, 69, 76, 72, 80, 76, _____, _____.

34. What is value of the second digit of the numeral 23456? [2]

35. Find the difference of the greatest and least of the numbers 0.34, 0.45, 0.54 and 0.40. [2]

4.8 Algebra

36. One number is five times another. Their sum is 54. Find the numbers. [2]

37. Six times a number decreased by 50 is 4. Find the number. [2]

38. The quotient of a number and seven is 7. Find the number. [2]

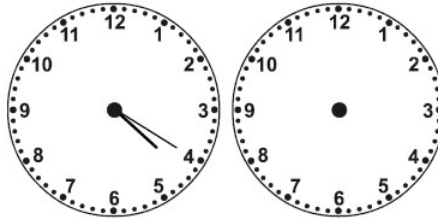
39. Twice a number increased by 8 is 30. Find the number. [2]

40. The sum of two numbers is 11. The difference of the same two numbers is seven. Find the numbers. [2]

4.9 Time and Date

41. What time was it 4 hours 40 minutes ago?

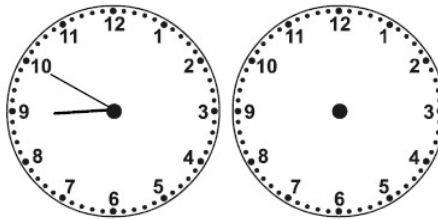
[2]



Answer: _____

42. What time will it be in 3 hours 35 minutes?

[2]



Answer: _____

43. How many minutes are there from 8:30 am to 12.15 pm?

[2]

44. If there are 24 hours in a day, how many hours in two fortnights?

[2]

45. How many days are there in all of July, August and September?

[2]

4.10 Problem Solving

46. A pair of glasses and a case together cost \$108. If the glasses is \$100 more than the case, how much does the glasses cost? [2]

47. Jessica got an average score of 78 for her last four tests. What is the average score if she gets 83 in the fifth test? [2]

48. John bought a LCD TV for \$1200 and a DVD recorder for \$525 less. How much did he pay? [2]

49. The perimeter of a rectangle is 48 cm. If one side of the rectangle is 8 cm more than the other, what is the area of the rectangle? [2]

50. Jack has \$36, which is three times as much as Emma has. How much do they have altogether? [2]
