

Primary 4 Mathematics Final Test

Original Test Paper

Class: _____

Name: _____

Student
no.: _____

Date: _____

Time allowed: 70 minutes Total: 100 marks Write all answers in the spaces provided.

Section A Multiple Choice: Choose the best answer (2 marks each; 20 marks)

1. Which number is closest to the product of 398×21 ? [2 marks]
A. 4,000 B. 6,000 C. 8,000 D. 10,000
2. Which number is divisible by 3? [2 marks]
A. 7,241 B. 7,245 C. 7,247 D. 7,249
3. How many factors does 24 have? [2 marks]
A. 6 B. 7 C. 8 D. 9
4. What is the greatest common factor of 18 and 30? [2 marks]
A. 3 B. 6 C. 9 D. 12
5. Convert $3\frac{5}{8}$ to an improper fraction. [2 marks]
A. $\frac{24}{8}$ B. $\frac{25}{8}$ C. $\frac{28}{8}$ D. $\frac{29}{8}$
6. Which number is the greatest? [2 marks]
A. 3.07 B. 3.7 C. 3.17 D. 3.071
7. A rectangle has a perimeter of 54 cm and a length of 16 cm. What is its width? [2 marks]
A. 10 cm B. 11 cm C. 19 cm D. 22 cm
8. A square has an area of 64 cm^2 . What is its perimeter? [2 marks]
A. 16 cm B. 24 cm C. 32 cm D. 64 cm
9. Which statement is always true? [2 marks]
A. All rectangles are squares. B. All rhombuses are squares. C. All squares are rhombuses. D. All trapeziums are parallelograms.
10. Yan-yan faces north. She turns right and then looks diagonally backwards to her left. Which direction is she looking? [2 marks]
A. Northeast B. Southeast C. Southwest D. Northwest

Section B Computation: Give answers in simplest form (2 marks each; 16 marks)

11. 427×36 [2 marks]

12. $864 \div 27$ [2 marks]

13. $96 + 144 \div 12 \times 5$ [2 marks]

14. $(750 - 318) \div 24$ [2 marks]

15. $2\frac{7}{9} + 1\frac{5}{9}$ [2 marks]

16. $6\frac{2}{7} - 3\frac{5}{7}$ [2 marks]

17. $24.8 + 7.65 - 9.3$ [2 marks]

18. $50 - 18.75 - 6.8$ [2 marks]

Section C Short-answer Questions (2 marks each; 24 marks)

19. List all the factors of 36. [2 marks]

20. Find the least common multiple of 8 and 12. [2 marks]

21. Find the greatest common factor of 24 and 40. [2 marks]

22. Which of 51, 57, 61 and 69 is a prime number? [2 marks]

23. What is the place value of the digit 3 in 4.306? [2 marks]

24. 3750 mL = _____ L [2 marks]

25. Express $\frac{7}{20}$ as a decimal. [2 marks]

26. Write $>$, $<$ or $=$ in the blank: 2.4 _____ $2\frac{3}{10}$ [2 marks]

27. A rectangle is 18 cm long and 7 cm wide. Find its area. [2 marks]

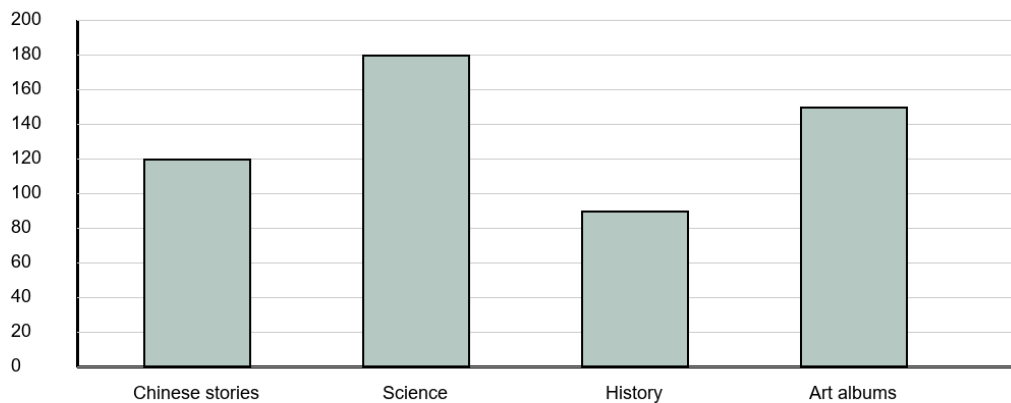
28. A square has a perimeter of 36 cm. Find its area. [2 marks]

29. A quadrilateral has four equal sides and two pairs of parallel opposite sides. What can this shape be called? [2 marks]

30. The library is north of the school, and the park is east of the school. In which direction is the library from the park? [2 marks]

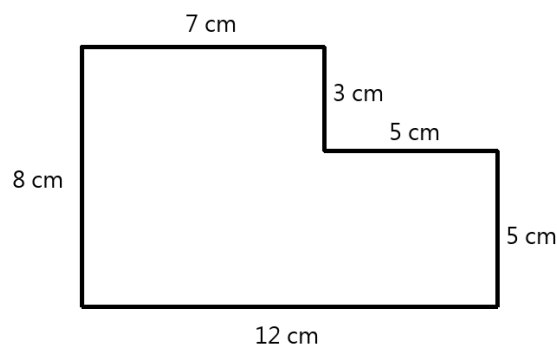
Section D Data Handling and Shapes (4 marks each; 16 marks)

Number borrowed



31. The chart shows the number of books borrowed from a library in one week.

- (a) Which category had the greatest number of loans? (1 mark)
 (b) How many more science books than Chinese storybooks were borrowed? (1 mark)
 (c) How many books were borrowed altogether? (2 marks) **[4 marks]**



32. Find the perimeter of the L-shape above. **[4 marks]**

33. A rectangle is 14 cm long and 10 cm wide. A 5 cm by 4 cm rectangle is cut from its top-right corner. Find the area of the remaining shape. **[4 marks]**

34. Use these names to complete the statements: square, rectangle, rhombus, parallelogram.

- (a) Four equal sides and four right angles: _____
 (b) Two pairs of equal, parallel opposite sides; the angles need not be right angles: _____
 (c) Explain why a square can also be called a rectangle. **[4 marks]**

Section E Application Problems: Show your working (4 marks each; 24 marks)

35. A coach has 28 rows of seats with 4 seats in each row, plus 18 seats at the back. How many seats are there altogether? **[4 marks]**

36. A stationery shop shares 396 stickers equally among 18 packets. How many stickers are in each packet? [4 marks]

37. A ribbon was originally $8\frac{5}{6}$ m long. After $3\frac{1}{3}$ m was used, how much remained? [4 marks]

38. Ka-long had \$85.00. He spent \$26.80 on stationery and \$18.75 on a storybook. How much money did he have left? [4 marks]

39. A rectangular flower bed is 24 m long and 15 m wide. A gardener puts two loops of rope around it. What is the minimum length of rope needed? [4 marks]

40. Six boxes contain 144 bottles of juice. At the same packing rate, how many bottles are in 15 boxes? [4 marks]

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