P3 Mathematics Practice Paper: Numbers and Place Value, Addition, Subtraction, Multiplication and Division, Fractions, Length, Mass and Capacity, Time and Money, Perimeter and Area

P3 | Mathematics | Time: 45 minutes | Total: 100 marks | 24 questions

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Part A: Numbers, Place Value, Addition and Subtraction (18 marks)

Show your working and write the units in your answer.

1. In the number 7,038, what is the place value of the digit 7? [4]

2. What number is formed by 4 thousands, 6 hundreds, 0 tens and 9 ones? [4]

3. Calculate 3,456 + 2,789. [5]

4. Calculate 8,000 - 3,476. [5]

Part B: Multiplication and Division Word Problems (18 marks)

Show your working and write the units in your answer.

5. A box holds 24 pencils. How many pencils are there in 7 boxes? [5]

6. 96 sweets are shared equally among 8 children. How many sweets does each child get? [4]

7. A book costs $38. How much do 6 books cost? [4]

8. An orchard has 5 rows of 18 trees. After 12 trees are removed, how many trees are left? [5]

Part C: Simple Fractions (16 marks)

Show your working and write the units in your answer.

9. A ribbon is cut into 8 equal parts. If 3 parts are removed, what fraction of the whole ribbon is left? [4]

10. Which fraction is larger, 3/7 or 5/7? [4]

11. Calculate 1/4 + 2/4. [4]

12. A box has 12 sweets. If 1/3 of the box is eaten, how many sweets are eaten? [4]

Part D: Length, Mass and Capacity (16 marks)

Show your working and write the units in your answer.

13. How many centimetres are there in 2 m 35 cm? [4]

14. How many grams are there in 3 kg 250 g? [4]

15. A rope is 5 m long. After 180 cm is cut off, how many centimetres are left? [4]

16. A bucket holds 2 L 500 mL of water. After filling 4 bottles of 600 mL each, how many millilitres are left in the bucket? [4]

Part E: Time and Money (16 marks)

Show your working and write the units in your answer.

17. How much time passes from 9:45 a.m. to 1:20 p.m.? [4]

18. A film runs for 2 hours 15 minutes and starts at 18:40. When does it end? [4]

19. A pen costs $12.5. How much do 3 pens cost? [4]

20. Ming has $100. He spends $46.5 on a book and $28 on a notebook. How much money is left? [4]

Part F: Perimeter and Area (16 marks)

Show your working and write the units in your answer.

21. A rectangle is 12 cm long and 7 cm wide. Find its perimeter. [4]

22. A square has sides of 9 cm. Find its area. [4]

23. A rectangle has an area of 48 square centimetres and a length of 8 cm. Find its width. [4]

24. A square flower bed has sides of 6 m. Fencing is put around it. How many metres of fencing are needed? [4]
