P1 Mathematics Practice Paper: Addition and Subtraction within 20, Place Value and Counting, Length and Money, Time and Clocks, Shapes and Directions, Data Handling and Word Problems

P1 | Mathematics | Time: 45 minutes | Total: 100 marks | 24 questions

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Part A: Addition and Subtraction within 20 (16 marks)

Work out each answer.

1. Calculate 7 + 8. [4]

Answer: Answer: 15.

2. Calculate 16 - 9. [4]

Answer: Answer: 7.

3. Calculate 5 + 6 + 4. [4]

Answer: Answer: 5 + 6 = 11, then 11 + 4 = 15.

4. Calculate 20 - 3 - 7. [4]

Answer: Answer: 20 - 3 = 17, then 17 - 7 = 10.

Part B: Place Value and Counting (16 marks)

Read each question carefully and write the answer.

5. In the number 47, which digit is in the tens place and how many tens does it show? [4]

Answer: Answer: the tens digit is 4, which means 4 tens (that is 40).

6. Count from 58 to 62 and write all the numbers in between. [4]

Answer: Answer: 58, 59, 60, 61, 62.

7. A number has 3 in the tens place and 9 in the ones place. What is the number? [4]

Answer: Answer: the number is 39 (3 tens and 9 ones).

8. Arrange 26, 62, 46, 64 from the smallest to the largest. [4]

Answer: Answer: 26 < 46 < 62 < 64.

Part C: Length and Money (16 marks)

Show the number sentence and the unit in word problems.

9. A pencil is 12 cm long and a ruler is 20 cm long. How many centimetres shorter is the pencil? [4]

Answer: Answer: 20 - 12 = 8, so the pencil is 8 cm shorter.

10. One $5 coin, two $2 coins and three $1 coins add up to how many dollars? [4]

Answer: Answer: 5 + 2 x 2 + 1 x 3 = 12, so the total is $12.

11. A pen costs $6 and a notebook costs $4. How much do one pen and 2 notebooks cost? [4]

Answer: Answer: 6 + 4 x 2 = 6 + 8 = 14, so $14 is needed.

12. A rope is 18 cm long. After 5 cm is cut off, how many centimetres are left? [4]

Answer: Answer: 18 - 5 = 13, so 13 cm is left.

Part D: Time and Clocks (16 marks)

Read the clock or work out the time and write the answer.

13. The hour hand points to 3 and the minute hand points to 12. What time is it? [4]

Answer: Answer: 3 o'clock.

14. Ming goes to school at 8 a.m. and finishes 4 hours later. What time does he finish? [4]

Answer: Answer: 8 + 4 = 12, so he finishes at 12 noon.

15. How many minutes are there in one hour? [4]

Answer: Answer: one hour has 60 minutes.

16. Dad leaves home at 7:30 and reaches the park 30 minutes later. What time does he arrive? [4]

Answer: Answer: 7:30 plus 30 minutes is 8:00, so he arrives at 8 o'clock.

Part E: Shapes and Directions (16 marks)

Write the number of sides, angles or the direction.

17. How many sides and how many angles does a triangle have? [4]

Answer: Answer: a triangle has 3 sides and 3 angles.

18. How many sides does a square have? Are the four sides equal in length? [4]

Answer: Answer: a square has 4 sides and all four sides are equal in length.

19. How many right angles does a rectangle have? [4]

Answer: Answer: a rectangle has 4 right angles.

20. Ming faces north. After turning right (clockwise) by 90 degrees, which direction does he face? [4]

Answer: Answer: turning right by 90 degrees from north, he faces east.

Part F: Data Handling and Word Problems (20 marks)

Show the number sentence and a full sentence answer.

21. The table shows 8 apples, 6 oranges and 5 bananas. (a) Which fruit is the most? (b) How many fruits are there altogether? [5]

Answer: Answer: (a) apples are the most (8). (b) 8 + 6 + 5 = 19, so 19 fruits altogether.

22. There are 18 chairs in the classroom. After 5 chairs are taken away, how many are left? [5]

Answer: Answer: 18 - 5 = 13, so 13 chairs are left.

23. Mum buys 12 eggs, uses 4 and then buys 6 more. How many eggs are there now? [5]

Answer: Answer: 12 - 4 + 6 = 14, so there are 14 eggs now.

24. A book has 20 pages. Ming has read 7 pages. How many pages are left to read? [5]

Answer: Answer: 20 - 7 = 13, so 13 pages are left.
