Your way to an easy A

2026 WA1 Paper

Nanyang Primary School

Mathematics

Primary 6

Instructions to candidates

1. **Follow all instructions carefully.**
2. **Duration: 40 minutes**
3. **The use of calculators is not allowed.**
4. **Please sign and return the paper the next day. Any queries should be raised at the same time when returning the paper.**

Section A

For each question, four options are given. One of them is the correct answer. Make your choice and write your answer in the bracket provided.

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1. Which of the following expressions gives a value of $\frac{3}{10}$.

   (1) $\frac{1}{5} \times \frac{2}{5}$

   (2) $\frac{1}{5} \times \frac{3}{5}$

   (3) $\frac{8}{5} \times \frac{3}{8}$

   (4) $\frac{8}{5} \times \frac{3}{16}$

   ( )

2. In a class of 45 children, 27 are girls and the rest are boys. What is the ratio of the number of boys to the number of girls?

   (1) 2 : 3

   (2) 3 : 2

   (3) 3 : 5

   (4) 5 : 3

   ( )

3. Janice's height is $\frac{5}{7}$ of Xiao Ming's height. What is the ratio of Xiao Ming's height to Janice's height.

   (1) 5 : 7

   (2) 7 : 5

   (3) 5 : 12

   (4) 7 : 12 ( )

4. The table below shows the number of toys collected by Sunshine Centre in 2021 and 2022. Part of the table is covered by an ink blot. The number of soft toys collected and the total number of toys collected were both three-digit numbers.

Type of Toy	2021	2022
Wooden Toys	121	80
Electronic Toys	65	74
Soft Toys	18	200
Total number of toys	3	354

Which of the following statement(s) can be true?

A. In 2022, 10% of the total number of toys collected were damaged.
B. In 2021, 50% of the total number of toys collected were soft toys.
C. In 2021, 20% of the total number of toys collected were electronic toys.

(1) A only

(2) B only

(3) B and C only

(4) A, B and C

( )

5. Mr Menon had $\frac{5}{6}$ kg of sugar. He packed the sugar into as many packets of $\frac{1}{5}$ kg each. How much sugar did he left unpacked?

(1) $\frac{1}{6}$ kg

(2) $\frac{2}{3}$ kg

(3) $\frac{1}{30}$ kg

(4) $\frac{6}{25}$ kg

( )

6. Viv, Wendy and Xinyi each had some beads. They each used the same number of beads to make a necklace. Viv used $\frac{1}{3}$ of her beads, Wendy used $\frac{7}{8}$ of her beads and Xinyi used $\frac{3}{4}$ of her beads. What was the ration of the number of beads Viv had at first to the number of beads Wendy had at first to the number of beads Xinyi had at first?

(1) 1 : 7 : 3

(2) 3 : 8 :4

(3) 8 : 21 : 18

(4) 63 : 24 : 28

( )

7. The table below shows the number of clips in different coloured containers.

Colours of container	Number of clips in each container
White	30
Blue	50
Green	60

Clement has some white containers and some blue containers. The ratio of the total number of clips in Clement's white containers to the total number of clips in his blue containers is 3 : 2. Express the number of his blue containers as a fraction of the total number of his containers.

(1) $\frac{2}{7}$

(2) $\frac{2}{5}$

(3) $\frac{5}{8}$

(4) $\frac{10}{19}$

( )

Section B

Show your working clearly and write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

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8. (a) $\frac{9}{10}$ m of ribbon is cut equally into 6 pieces. What is the length of each piece of ribbon?

Ans: (a) _____

(b) 12 pizzas were shared equally among some boys. Each boy received $\frac{2}{3}$ of a pizza. How many boys were there?

Ans: (b) _____

9. Brenda had 6 litres of orange juice. She drank $\frac{1}{2}$ of it in the morning and gave $\frac{1}{4}$ litres of it to her brother. How much orange juice did she have left in the end?

Ans: _____

10. At a computer fair, computers were sold at 60% discount. Iskandar paid $600 for a computer after discount. What was the price of the computer before discount?

Ans: _____

11. Jason, Peter and Chris shared a sum of money in the ratio 5 : 9 : 2. The difference between Peter's share and Jason's share is $28. How much more money did Peter have than Chris?

Ans: _____

12. Mdm Nor used $\frac{1}{3}$ of her money to buy 4 oranges and 8 apples. The cost of 2 oranges was the same as that of 3 apples. What was the greatest number of apples that Mdm Nor could buy with half of the money she had at first.

Ans: _____

End of Paper

Have you checked your work? 😊

Solutions

Section A

1. 4

2. 1

3. 2

4. 2

5. 3

6. 4

7. 1

Section B

8a. $\frac{3}{20}$ m

8b. 18

9. $2\frac{3}{4}$

10. 1500

11. 49

12. 21