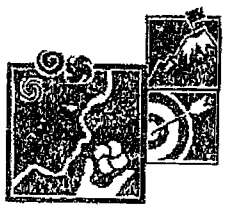
Nanyang Primary School
Primary 6
Mathematics
Learning Checkpoint

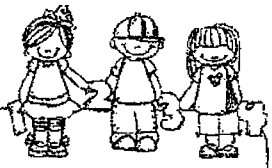


Name: _____ ( )

Class: Primary 6 ( )

Date: _____

Duration: 40 minutes



You can improve by:

- ☐ Striving for accuracy (Calculation error)
- ☐ Reading the questions/numbers carefully (Misread)
- ☐ Revising concepts on: _____

The use of calculators is **NOT** allowed.

Questions **1** to **5**

For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4) and write your answer (1, 2, 3 or 4) in the bracket ( ) provided.

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1 What is the value of $\frac{1}{4} \times \frac{12}{5}$?

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

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

(3) $\frac{5}{16}$

(4) $\frac{5}{48}$

( )

2 The ratio of the number of red pins to the number of yellow pins to the number of green pins is 4 : 5 : 3. The total number of yellow pins and green pins is 120. How many red pins are there?

(1) 30

(2) 40

(3) 60

(4) 96

( )

3 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[redacted]	200
Total number of toys	3[redacted]	354

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

A. In 2021, 50% of the total number of toys collected were soft toys.

B. In 2021, 20% of the total number of toys collected were electronic toys.

C. In 2022, 10% of the total number of toys collected were damaged.

(1) A only

(2) C only

(3) A and B only

(4) A, B and C

( )

4 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 had left unpacked?

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

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

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

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

( )

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

Colour 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) $\frac{10}{19}$

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

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

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

( )

Questions 6 to 8

Write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

6 $\frac{3}{4}$ of a pizza was shared equally among 5 people. What fraction of the pizza did each person receive?

Ans: _____

7 Find the value of $10 \div \frac{3}{8}$. Express your answer as a mixed number in its simplest form.

Ans: _____

8 The number of cars is $\frac{7}{12}$ of the number of motorcycles in a carpark. What is the ratio of the number of motorcycles to the number of cars in the carpark?

Ans: _____

Questions **9** to **13**

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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9 Chang had 90 stickers. The ratio of the number of stickers Chang had to the number of stickers Dali had was 9 : 5. How many stickers must Chang give to Dali so that both of them would have the same number of stickers?

Ans: _____

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10 The ratio of the number of apples to the number of oranges Jisoo had was 7 : 3 at first. After she bought 33 apples and 33 oranges, the ratio of the number of apples to the number of oranges became 5 : 3. Find the total number of apples and oranges she had at first.

Ans: _____

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11 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: $ _____

12 Mrs Lim had some money at first. She spent $\frac{1}{3}$ of it on a blouse and $\frac{1}{6}$ of the remaining money on a skirt. After her husband gave her $324, she then had the same amount of money as she had at first. How much money did she spend on the skirt?

Ans: $ _____

13 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

YEAR : 2025
LEVEL : PRIMARY 6
SCHOOL : NANYANG PRIMARY SCHOOL
SUBJECT : MATHEMATICS
TERM : LEARNING CHECKPOINT

(BOOKLET A)

Q1	2	Q2	3	Q3	1	Q4	4	Q5	3

Q6

$\frac{3}{4} \div \frac{5}{1} = \frac{3}{4} \times \frac{1}{5}$

$= \frac{3}{20}$

Q7

$\frac{10}{1} \div \frac{3}{8} = \frac{10}{1} \times \frac{8}{3}$

$= \frac{80}{3}$

$= 26\frac{2}{3}$

Q8

M : C
12 : 7

Q9

C : D
9 : 5
9u = 90
1u = 90 ÷ 9
= 10
9 – 5 = 4
4 ÷ 2 = 2
2 x 10 = 20

Q10

At first	End
A : O : Diff	A : O : Diff
7 : 3 : 4	5 : 3 : 2
	10 : 6 : 4

10 – 7 = 3
3u = 33
1u = 33 ÷ 3 = 11
7 + 3 = 10
10u= 10 x 11 = 110

Q11

$1 - \frac{3}{5} = \frac{2}{5}$

$60\% = \frac{3}{5}$

$\frac{2}{5}$ = $600

$\frac{1}{5}$ = $600 ÷ 2

= $300

$\frac{5}{5}$ = $300 x 5

= $1500

Q12

6 ÷ 2 = 3
3 x 3 = 9
3 x 1 = 3
9 – 5 = 4
4u = $324
1u = $324 ÷ 4 = $81

Q13

2 orange = 3 apples
4 oranges = 6 apples
$\frac{1}{3}$ = 6 + 8 = 14 apples
$\frac{3}{3}$ = 14 x 3 = 42
$\frac{3}{2}$ = 42 ÷ 2 = 21

END