**0.2**

### Nanyang Primary School
### Primary 3
### Mathematics
### Term 1 Weighted Assessment

Name: _____ (     )

Class: Primary 3 (        )

Marks:

**/20**

Date: _____

Parent's Signature: _____

Duration: 40 minutes

Please sign and return the paper the next day. Any queries should be raised at the same time when returning paper.

Questions **1** to **3** carry **2** marks each. 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.

(6 marks)

1.  What is the difference between 748 and 8527?

    (1)   9275

    (2)   8221

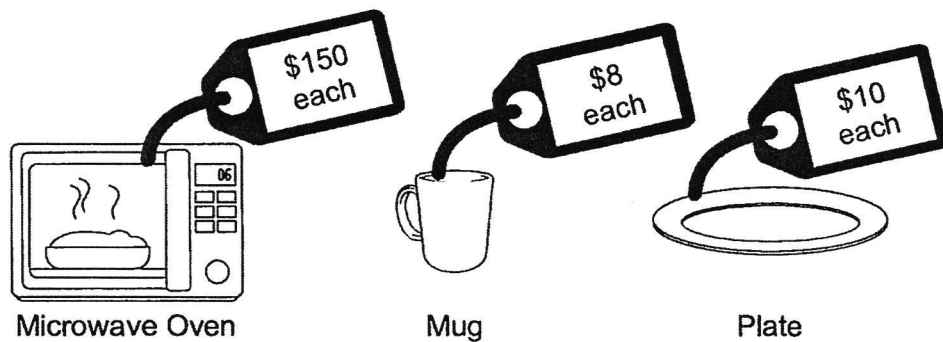    (3)   7779

    (4)   1047

                                                          (        )

2. Arrange the following numbers in increasing order.

| 3164 | 3601 | 3146 |

(1) 3601, 3164, 3146

(2) 3601, 3146, 3164

(3) 3164, 3146, 3601

(4) 3146, 3164, 3601

(     )

3. Sasha spent $250 at ABC departmental store.
She bought a microwave oven, some mugs and some plates.
She bought fewer plates than mugs.
How many plates did she buy?

$150 each

$8 each

$10 each

Microwave Oven          Mug          Plate

(1)   5

(2)   2

(3)   6

(4)   10

(     )

Questions **4** to **8** carry 2 marks each. Show your working clearly and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (10 marks)

4.    (a)  Write five thousand and sixty-five in numerals.

Ans: (a) _____

(b)  Use all the digits to form the smallest 4-digit odd number.

| 5 | 2 | 6 | 1 |

Ans: (b) _____

5.    Study the number pattern carefully.
      What is the missing number?

943, 1043, | ? |, 1243, 1343, 1443

Ans: _____

6.   A shirt costs $42.
     A cap costs $19.40 less than the shirt.
     How much does the cap cost?

                                                    Ans: $_____

7.   An adult ticket to a theme park costs $25.50.
     A child ticket costs $11.20.
     How much does a family of 2 adults and 1 child pay?

                                                    Ans: $_____

8. Ali, Bala, Chang and Dayi went to the zoo.
   All of them wanted to ride on a pony but the pony could only take
   2 of them at a time.
   How many different ways could they pair up for the ride?

Ans: _____

For question **9**, show your working clearly and write your answers in the spaces provided. The number of marks available is shown in brackets [ ] at the end of each question or part-question.          (4 marks)

9.    The difference between two numbers is 625.
      The greater number is 714.

      (a)  What is the smaller number?

                                              Ans:  (a) _____ [2]

      (b)  What is the sum of the two numbers?

                                              Ans:  (b) _____ [2]

End of Paper

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Name: _____ ( )

Class: Primary 3 ( )

Date: _____    Parent's Signature: _____

Marks:

. /20

Duration: 40 minutes

Please sign and return the paper the next day. Any queries should be raised at the same time when returning paper.

Questions 1 to 3 carry 2 marks each. 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.
(6 marks)

1. What is the difference between 748 and 8527?

(1) 9275

(2) 8221

(3) 7779

(4) · 1047

$$\begin{array}{r} 7\,{}^{14}8\,{}^{11}5\,{}^{17}2\,7 \\ -\;\;\;\;748 \\ \hline 7779 \end{array}$$

( 3 )

2. Arrange the following numbers in increasing order.
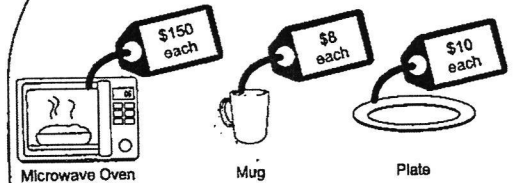
| 3164 | 3601 | 3146 |
|------|------|------|

(1) 3601, 3164, 3146

(2) 3801, 3146, 3164

(3) 3164, 3146, 3601

(4) 3146, 3164, 3801

3164

3⑥01 (greatest)

31④6 (smallest)

( 4 )

3. Sasha spent $250 at ABC departmental store.
She bought a microwave oven, some mugs and some plates.
She bought fewer plates than mugs.
How many plates did she buy?

$150 each    $8 each    $10 each

Microwave Oven    Mug    Plate

(1) 5

(2) 2

(3) 8

(4) 10

$250 − $150 = $100 (for mugs and plates.

using guess and check method,

| No. of mugs | Amt of money | No. of plates | Amt of money | Total Amt | check |
|------|------|------|------|------|------|
| ⑤ | 5×8=40 | ④ | 4×10=40 | 40+40 =80 | X |
| 10 | 10×8=80 | 2 | 2×10=20 | 80+20 =100 | ✓ |

2 )

Note: It is easier to work with multiples of 10.

Questions 4 to 8 carry 2 marks each. Show your working clearly and write your answers in the spaces provided. For questions which require units, give your answers in the units stated.
(10 marks)

4. (a) Write five thousand and sixty-five in numerals.

Ans: (a) _5065_

(b) Use all the digits to form the smallest 4-digit odd number.

[5] [2] [6] [1]

1  2  6  5
↑           ↑
smallest  greatest
          odd

Ans: (b) _1265_

5. Study the number pattern carefully.
What is the missing number?

943, 1043, [ ? ], 1243, 1343, 1443
      +100  +100   +100 +100 +100

Ans: _1143_

6. A shirt costs $42.
A cap costs $19.40 less than the shirt.
How much does the cap cost?

$42

Shirt

Cap    ? ... $19.40

$$\begin{array}{r} {}^{3}4{}^{11}2.{}^{10}0 \\ -19.40 \\ \hline 22.60 \end{array}$$

42 − 19.40 = 22.60

The cap costs $22.60.

Ans: $ _22.60_

7. An adult ticket to a theme park costs $25.50.
A child ticket costs $11.20.
How much does a family of 2 adults and 1 child pay?

2 adults : 25.50 + 25.50 = 51.00

2 adults and 1 child : 51.00 + 11.20 = 62.20

A family of 2 adults and 1 child pay $62.20.

$$\begin{array}{r} {}^{1}25.50 \\ +25.50 \\ \hline 51.00 \end{array}$$

$$\begin{array}{r} 51.00 \\ +11.20 \\ \hline 62.20 \end{array}$$

Ans: $ _62.20_

1

2

3

4

8. Ali, Bala, Chang and Dayi went to the zoo.
All of them wanted to ride on a pony but the pony could only take 2 of them at a time.
How many different ways could they pair up for the ride?

A ⟨ B
   ⟨ C
   ⟨ D

B ⟨ C
   ⟨ D

C — D

3 + 2 + 1 = 6

Ans: ___6___

5

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For question 9, show your working clearly and write your answers in the spaces provided. The number of marks available is shown in brackets [ ] at the end of each question or part-question.
(4 marks)

9. The difference between two numbers is 625.
The greater number is 714.
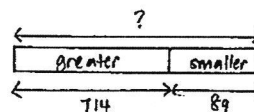
(a) What is the smaller number?

714
Greater [          ]
Smaller [      ] ←625→
         ?
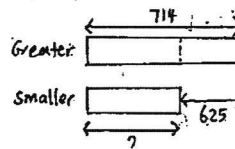
714 − 625 = 89

The smaller number is 89.

$$\begin{array}{r} 6\,{}^{10}\!1\,4 \\ \cancel{714} \\ -\,6\,2\,5 \\ \hline 8\,9 \end{array}$$

Ans: (a) ___89___ [2]

(b) What is the sum of the two numbers?

?
[ Greater | smaller ]
  714        89  ?

714 + 89 = 803

The sum of the two numbers is 803.

$$\begin{array}{r} {}^{1}7{}^{1}1\,4 \\ +\ \ 8\,9 \\ \hline 8\,0\,3 \end{array}$$

Ans: (b) ___803___ [2]

End of Paper

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