Nanyang Primary School
Primary 3
Mathematics
Term 2 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.   Find the product of 4 and 625.

   (1)   2400

   (2)   2480

   (3)   2489

   (4)   2500   (   )

2.   Find the value of $424 \div 8$.

   (1)   53

   (2)   54

   (3)   65

   (4)   68   (   )

3. Mei Ling baked some cupcakes.
   She packed all the cupcakes equally into boxes of 9.
   She used 3 boxes.
   How many cupcakes did she bake?

   (1) 6

   (2) 12

   (3) 27

   (4) 36   (   )

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)

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4. What is the remainder when 508 is divided by 6?

   Ans: _____

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5. Darryl bought 321 chocolates.
   Ryan bought 2 times as many chocolates as Darryl.
   How many chocolates did both of them buy altogether?

   Ans: _____

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6. Mrs Tan has 509 sweets.
   She gives 7 sweets to each student.
   How many students can she give the sweets to?

   Ans: _____

7. A number is between 30 and 60.
   It is an even number.
   The sum of its two digits is 12.
   What is the number?

   Ans: _____

8. Look at the number pattern below.
   The numbers in each square are related in a similar way.
   Find the missing number.

6	7	3	9	5	8	10	5
2	40	4	23	5	?	6	24

   Ans: _____

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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 bar graph below shows the number of children who went to an indoor playground from Monday to Friday.

Children who went to an Indoor Playground

Days of the Week
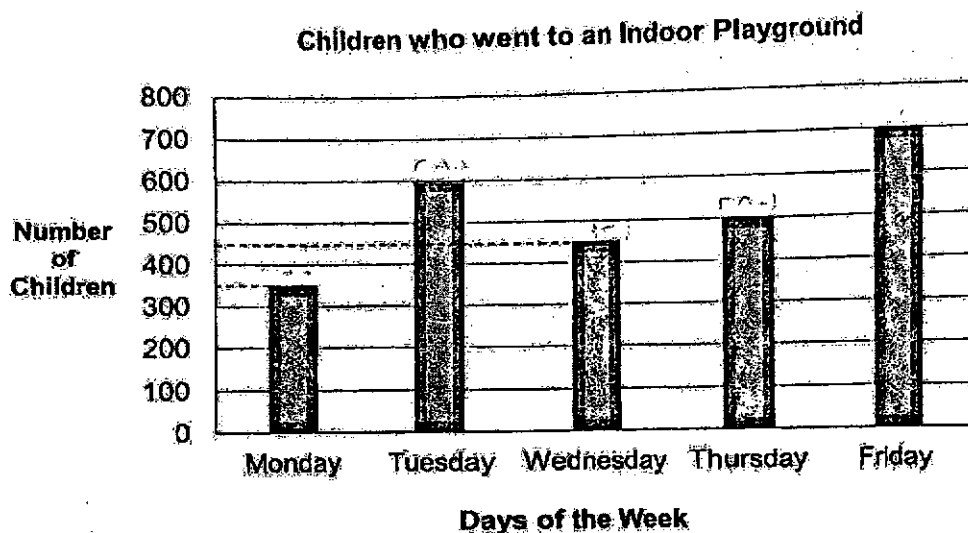
(a)   On which day had the least number of children going to the indoor playground.

Ans: (a) _____ [1]

(b)   On which day was there 150 fewer children than on Tuesday?

Ans: (b) _____ [1]

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(c) On which day was there twice the number of children as on Monday?

Ans: (c) _____ [1]

(d) Each child ticket cost $8.
How much money did the indoor playground collect on Thursday?

Ans: (d) _____ [1]

End of Paper

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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. Find the product of 4 and 625.

(1) 2400
(2) 2480
(3) 2488
(4) 2500

$$\begin{array}{r} {}^{1}{}^{2} 625 \\ \times\ \ 4 \\ \hline 2500 \end{array}$$

(4)

2. Find the value of 424 ÷ 8.

(1) 53
(2) 54
(3) 65
(4) 68

$$\begin{array}{r} 053 \\ 8\overline{)424} \\ -0\ \downarrow \\ \hline 42 \\ -40\ \downarrow \\ \hline 24 \\ -24 \\ \hline 0 \end{array}$$

(1)

6. Mrs Tan has 509 sweets.
She gives 7 sweets to each student.
How many students can she give the sweets to?

$$509 \div 7 = 72R5.$$

$$\begin{array}{r} 072\ R5 \\ 7\overline{)509} \\ -0\ \downarrow \\ \hline 50 \\ -49\ \downarrow \\ \hline 19 \\ -14 \\ \hline 5 \end{array}$$

Ans: ___72___

7. A number is between 30 and 60.
It is an even number.
The sum of its two digits is 12.
What is the number?

30 40 50 60
32 42 52
34 44 54
36 46 56
38 (48) 58

Ans: ___48___

8. Look at the number pattern below.
The numbers in each square are related in a similar way.
Find the missing number.

6	7
2	40

3	9
4	23

5	8
5	?

10	3
6	24

6×7=42   3×9=27   5×8=40   10×3=30
42-2=40   27-4=23   40-5=35   30-6=24

Ans: ___35___

3. Mei Ling baked some cupcakes.
She packed all the cupcakes equally into boxes of 9.
She used 3 boxes.
How many cupcakes did she bake?

(1) 8
(2) 12
(3) 27
(4) 36

G = 3 boxes
E = 9 cupcakes
T = ?

3 × 9 = 27

(3)

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. What is the remainder when 508 is divided by 6?

$$\begin{array}{r} 084\ R4 \\ 6\overline{)508} \\ -0\ \downarrow \\ \hline 50 \\ -48\ \downarrow \\ \hline 28 \\ -24 \\ \hline 4 \end{array}$$

Ans: ___4___

5. Darryl bought 321 chocolates.
Ryan bought 2 times as many chocolates as Darryl.
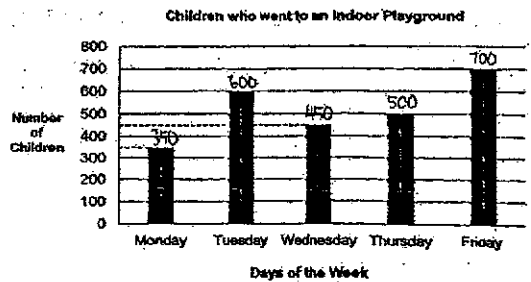How many chocolates did both of them buy altogether?
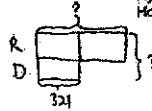
321 × 2 = 642
642 + 321 = 963

321 × 3 = 963

Ans: ___963___

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 bar graph below shows the number of children who went to an indoor playground from Monday to Friday.

Children who went to an Indoor Playground

Number of Children — Monday 350, Tuesday 600, Wednesday 450, Thursday 500, Friday 700

Days of the Week

(a) On which day had the least number of children going to the indoor playground?

Ans: (a) ___Monday___ [1]

(b) On which day was there 150 fewer children than on Tuesday? (600)

600 - 150 = 450

$$\begin{array}{r} {}^{5}{}^{\cancel{6}}{}^{10}00 \\ -\ 150 \\ \hline 450 \end{array}$$

Ans: (b) ___Wednesday___ [1]

(c) On which day was there twice the number of children as on Monday?
(350)

350 × 2 = 700

Ans: (c) _Friday_ [1]

(d) Each child ticket cost $8.
How much money did the indoor playground collect on Thursday? (500)

500 × $8 = $4000

$$\begin{array}{r} 500 \\ \times\ 8 \\ \hline 4000 \end{array}$$

Ans: (d) _$4000_ [1]

End of Paper

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