Nanyang Primary School
Primary 4
Mathematics
Term 1 Weighted Assessment

Name: _____ ( )

Marks: /20

Class: Primary 4 ( )

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)

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1. Which of the following is equal to 367 × 29?

(1) 4037

(2) 8983

(3) 10 643

(4) 17 243

( )

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2. Round 80 914 to the nearest thousand.

(1) 80 904

(2) 80 910

(3) 80 900

(4) 81 000

( )

3. A pattern is formed using letters M, T, A and H. The first 15 letters of the pattern are shown below.

M, M, T, A, H, M, M, T, A, H, M, M, T, A, H ... ...
1st 15th

Which letter is in the 54th position?

(1) A

(2) H

(3) M

(4) T

( )

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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. Find the value of 7120 ÷ 4.

Ans: _____

5. List all the common factors of 30 and 36.

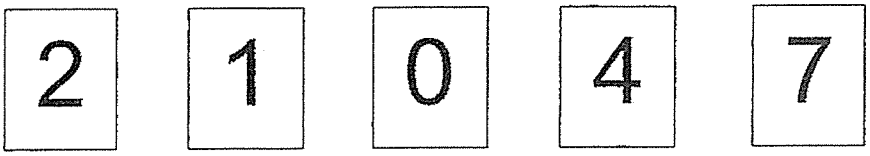
Ans: _____

6. What is the first common multiple of 4 and 6?

Ans: _____

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7. Use all the 5 digits below to form the smallest 5-digit even number.



Ans: _____

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8. Sharon has 4 crayons. The colours of the crayons are red, blue, green and yellow. She needs to choose 2 different colours for her drawing. How many different ways can she choose the 2 different crayons?

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 the question. (4 marks)

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9. Amelia, Brenda and Charlotte sold a total of 4678 funfair tickets.
Amelia sold twice as many funfair tickets as Brenda.
Charlotte sold 187 less funfair tickets than Amelia.
How many funfair tickets did Charlotte sell?

Ans: _____ [4]

End of Paper

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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. Which of the following is equal to 367 × 29?

(1) 4037
(2) 8983
(3) 10 643
(4) 17 243

+6 +6
3 6 7
× 2 9
3 3 0 3
+ 7 3 4 0
1 0 6 4 3

(3)

2. Round 80 914 to the nearest thousand.

(1) 80 904
(2) 80 910
(3) 80 900
(4) 81 000

9 is greater than 5, so we round up.
80 914
80 914 ≈ 81 000

(4)

3. A pattern is formed using letters M, T, A and H. The first 15 letters of the pattern are shown below.

M, M, T, A, H, M, M, T, A, H, M, M, T, A, H ... ...
1st 15th
Repeated unit

Which letter is in the 54th position?

(1) A
(2) H
(3) M
(4) T

Repeated unit has 5 letters.
54 ÷ 5 = 10 R 4
M M T A H M M T A
↓ 50th ↓ 54th

(1)

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. Find the value of 7120 ÷ 4.

1 7 8 0
4) 7 1 2 0
- 4 ↓
3 1
- 2 8 ↓
3 2
- 3 2 ↓
0
- 0
0

Ans: 1780

5. List all the common factors of 30 and 36.

30
(1) × 30 = 30
(2) × 15 = 30
(3) × 10 = 30
5 × (6) = 30

36
(1) × 36 = 36
(2) × 18 = 36
(3) × 12 = 36
4 × 9 = 36
(6) × 6 = 36

Ans: 1, 2, 3 and 6

6. What is the first common multiple of 4 and 6?

Multiples of 4 : 4, 8, (12), 16 ...

Multiples of 6 : 6, (12), 18 ...

Ans: 12

7. Use all the 5 digits below to form the smallest 5-digit even number.

Digit in the ones place must be even.

2	1	0	4	7

1 0 2 7 4
Ten Thousands | Thousands | Hundreds | Tens | Ones

* The digit 0 cannot be placed in the ten thousands place as that will form a 4-digit number.

Ans: 10 274

8. Sharon has 4 crayons. The colours of the crayons are red, blue, green and yellow. She needs to choose 2 different colours for her drawing. How many different ways can she choose the 2 different crayons?

* Systematic listing

Red, Blue, Yellow
RB, RG, RY
BY, BG
YG

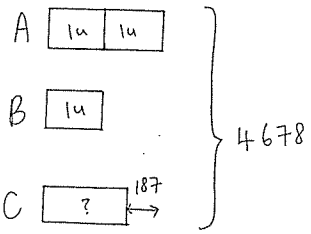
3 + 2 + 1 = 6

Ans: 6 different ways

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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 the question. (4 marks)

9. Amelia, Brenda and Charlotte sold a total of 4678 funfair tickets.
Amelia sold twice as many funfair tickets as Brenda.
Charlotte sold 187 less funfair tickets than Amelia.
How many funfair tickets did Charlotte sell?



4678 + 187 = 4865

4865 ÷ 5 = 973

973 × 2 = 1946

1946 − 187 = 1759

Alternative solution

87 × 4 = 748

4678 − 748 = 3930

3930 ÷ 5 = 786

786 × 2 = 1572

1572 + 187 = 1759

Ans: 1759 [4]

End of Paper

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