Nanyang Primary School
Primary 5
Mathematics
Term 1 Weighted Assessment

Name: _____ ( )

Marks: /20

Class: Primary 5 ( )

Date: _____ Parent's Signature: _____

Duration: 45 minutes

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

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 1 marks each. Questions **4** to **5** 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.

(7 marks)

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1 There were 7680 sweets. Sarah packed 20 sweets into each packet. How many packets of sweets did Sarah pack?

(1) 3840

(2) 3340

(3) 384

(4) 334

( )

2 Find the value of $84 + 6 \div (2 + 1)$.

(1) 30

(2) 46

(3) 86

(4) 88

( )

3 Find the value of $\frac{3}{4} \times \frac{8}{9}$. Express your answer in the simplest form.

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

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

(3) $\frac{6}{9}$

(4) $\frac{24}{36}$

( )

4 There were $\frac{4}{5}\ \ell$ of milk in the refrigerator.

Jin Jia drank $\frac{1}{8}\ \ell$ of the milk in the refrigerator every day for 5 days.

How much milk was left in the refrigerator at the end of the fifth day?

(1) $\frac{4}{40}\ \ell$

(2) $\frac{7}{40}\ \ell$

(3) $\frac{20}{40}\ \ell$

(4) $\frac{27}{40}\ \ell$

( )

5 The first 22 numbers of a number pattern are given below.

8 , 9 , 3 , 5 , 6 , 8 , 9 , 8 , 9 , 3 , 5 , 6 , 8 , 9 , 8 , 9 , 3 , 5 , 6 , 8 , 9 , 8 , ...

1st 22nd

What is the 205th number?

(1) 6

(2) 8

(3) 3

(4) 9

( )

Questions **6** to **8** carry 1 mark each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

(3 marks)

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6 Write seven hundred and two thousand and twelve in numerals.

Ans: _____

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7 Express 603 ÷ 6 as a mixed number in the simplest form.

Ans: _____

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8 Express $3\frac{2}{25}$ as a decimal.

Ans: _____

Questions **9** to **13** 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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9 When a number is divided by 80, the quotient is 9900. What is the number?

Ans: _____

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10 Ahmad paid $40 000 for his car. He paid $36 220 first and the remaining amount of the money over 6 months. He paid the same amount of money each month. How much did he pay each month?

Ans: $_____

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11 Maggie eats $\frac{4}{10}$ kg of rice each day. How much rice does she eat in 8 days?

Ans: _____ kg

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12 Muthu had some flour at first. He used $\frac{1}{2}$ of the flour to bake a cake and $\frac{1}{5}$ of the flour to bake some cookies. He then bought 100 g of flour and had 760 g of flour in the end. How many grams of flour did he have at first?

Ans: _____ g

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13 Joon Hee packed 42 apples into some small boxes, some medium boxes and some large boxes. Each small box contained 3 apples. Each medium box contained 5 apples. Each large box contained 7 apples. He packed 10 boxes of apples in total. How many small boxes of apples did Joon Hee pack?

Ans: _____

End of Paper

Nanyang Primary School
Primary 5
Mathematics
Term 1 Weighted Assessment

Name: Answer Key ( ) Marks: 120

Class: Primary 5 ( )

Date: _____ Parent's Signature: _____

Duration: 45 minutes

The use of calculators is NOT allowed.

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Questions 1 to 3 carry 1 marks each. Questions 4 to 5 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.

(7 marks)

1 There were 7680 sweets. Sarah packed 20 sweets into each packet. How many packets of sweets did Sarah pack?

(1) 3840 $7680 \div 20 = 384$

(2) 3340

(3) 384

(4) 334

(3)

2 Find the value of 84 + 6 ÷ (2 + 1).

(1) 30 $84+6\div(2+1)$

(2) 46 $=84+6\div3$

(3) 86 $=84+2$

(4) 88 $=86$

(3)

3 Find the value of $\frac{3}{4} \times \frac{8}{9}$. Express your answer in the simplest form.

(1) $\frac{1}{3}$ $\frac{\cancel{3}^{1}}{\cancel{4}_{1}} \times \frac{\cancel{8}^{2}}{\cancel{9}_{3}} = \frac{2}{3}$

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

(3) $\frac{6}{9}$

(4) $\frac{24}{36}$

(2)

4 There were $\frac{4}{5}$ ℓ of milk in the refrigerator.

Jin Jia drank $\frac{1}{8}$ ℓ of the milk in the refrigerator every day for 5 days.

How much milk was left in the refrigerator at the end of the fifth day?

(1) $\frac{4}{40}$ ℓ $\frac{1}{8} \times \frac{5}{1} = \frac{5}{8}$

(2) $\frac{7}{40}$ ℓ $\frac{4^{\times 8}}{5_{\times 8}} - \frac{5^{\times 5}}{8_{\times 5}}$

(3) $\frac{20}{40}$ ℓ $= \frac{32}{40} - \frac{25}{40}$

(4) $\frac{27}{40}$ ℓ $= \frac{7}{40}$

(2)

5 The first 22 numbers of a number pattern are given below.

8, 9, 3, 5, 6, 8, 9, 8, 9, 3, 5, 6, 8, 9, 8, 9, 3, 5, 6, 8, 9, 8, ...

1st 22nd

What is the 205th number?

$205 \div 7 = 29$ R 2

(1) 6

(2) 8

(3) 3

(4) 9

8, 9, 3, 5, 6, 8, 9

↑ 2nd position

(4)

Questions 6 to 8 carry 1 mark each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

(3 marks)

6 Write seven hundred and two thousand and twelve in numerals.

Ans: 702 012

7 Express 603 ÷ 6 as a mixed number in the simplest form.

$\frac{603}{6} = 100$ R 3

$= 100\frac{3}{6}$

$= 100\frac{1}{2}$

Ans: $100\frac{1}{2}$

8 Express $3\frac{2 \times 4}{25 \times 4}$ as a decimal.

$3\frac{2\times4}{25\times4} = 3\frac{8}{100}$

$= 3.08$

Ans: 3.08

Questions 9 to 13 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)

9 When a number is divided by 80, the quotient is 9900. What is the number?

$\_ \div 80 = 9900$

$9900 \times 80 = 792\,000$

Ans: 792 000

10 Ahmad paid $40 000 for his car. He paid $36 220 first and the remaining amount of the money over 6 months. He paid the same amount of money each month. How much did he pay each month?

$40\,000 - 36\,220$

$= 3\,780$

$3780 \div 6 = 630$

Ans: $ 630

11 Maggie eats $\frac{4}{10}$ kg of rice each day. How much rice does she eat in 8 days?

$\frac{4}{5\,10} \times \frac{8^4}{1} = \frac{16}{5}$

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

Ans: $3\frac{1}{5}$ or any equivalent kg

12 Muthu had some flour at first. He used $\frac{1}{2}$ of the flour to bake a cake and $\frac{1}{5}$ of the flour to bake some cookies. He then bought 100 g of flour and had 760 g of flour in the end. How many grams of flour did he have at first?

$\frac{1}{2} + \frac{1}{5} = \frac{5}{10} + \frac{2}{10}$

$= \frac{7}{10}$

$760 - 100 = 660$

$1 - \frac{7}{10} = \frac{3}{10}$

$3u = 660$

$1u = 660 \div 3$

$= 220$

$10u = 220 \times 10$

$= 2200$

Ans: 2200 g

13 Joon Hee packed 42 apples into some small boxes, some medium boxes and some large boxes. Each small box contained 3 apples. Each medium box contained 5 apples. Each large box contained 7 apples. He packed 10 boxes of apples in total. How many small boxes of apples did Joon Hee pack?

small	medium	large	Working
6	2	2	$6+2+2=10$
			$(6\times3)+(2\times5)+(2\times7)$
			$=18+10+14$
			$=42$ ✓

Ans: 6

End of Paper