2.2

Pei Hwa Presbyterian Primary School

**Mathematics**

**Weighted Assessment 3**

**Primary 4**

40

Name: _____ (  ) Class: _____

Date : _____ Parent's Signature: _____

**Section A: Multiple Choice Questions (15 marks)**

Questions 1 to 5 carry 1 mark each. Questions 6 to 10 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). Write your answers in the brackets provided.

1. What fraction does the following represent?



(1) $\frac{5}{6}$

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

(3) 3

(4) $4\frac{1}{2}$

(  )

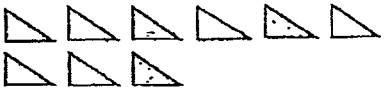


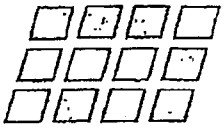
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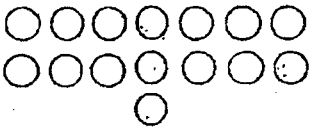
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2. Which of the following shows $\frac{1}{3}$ of a set shaded?

(1) 

(2) 

(3) 

(4) 

( )

3. Which of the following fractions is not the same as 0.4?

(1) $\frac{10}{25}$

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

(3) $\frac{3}{12}$

(4) $\frac{4}{10}$

( )



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4. Arrange the following decimals from the largest to the smallest.

| 7.093 | 7.903 | 7.309 | 7.39 |
|---|---|---|---|

| | Largest | | | Smallest |
|---|---|---|---|---|
| (1) | 7.39 | , 7.093 | , 7.309 | , 7.903 |
| (2) | 7.093 | , 7.903 | , 7.39 | , 7.309 |
| (3) | 7.903 | , 7.39 | , 7.309 | , 7.093 |
| (4) | 7.903 | , 7.309 | , 7.093 | , 7.39 |

( )

5. Which one of the following is closest to 8?

(1) 7.5

(2) 8.1

(3) 7.95

(4) 8.49

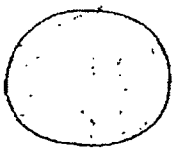
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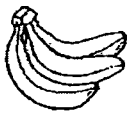
6. John bought the following fruits.



2 kg



$\frac{1}{4}$ kg



$\frac{2}{3}$ kg

What was the total mass of the fruits bought?

(1) $\frac{5}{7}$ kg

(2) $2\frac{3}{4}$ kg

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

(4) $2\frac{11}{12}$ kg

( )

7. A pot was filled with soup. Mrs Tan poured $\frac{1}{2}$ of it for her son and $\frac{2}{7}$ of it for herself. What fraction of the soup was left in the pot?

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

(2) $\frac{3}{14}$

(3) $\frac{5}{14}$

(4) $\frac{9}{14}$

( )



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8. I am a number with 2 decimal places.
The digit 6 is in the ones place.
The digit in the tenths place is 2 less than the digit in the ones place.
The digit in the hundredths place is the largest odd number.

Round this number to the nearest tenth.

(1) 6.4

(2) 6.5

(3) 6.9

(4) 7.0

( )

9. Bala is 0.05 m taller than Paul. Zoe is 0.18 m shorter than Bala.
Zoe is 1.68 m tall. How tall is Paul?

(1) 1.45 m

(2) 1.55 m

(3) 1.81 m

(4) 1.91 m

( )

10. Nora paid $164.20 for some pillows and 4 bolsters. The pillows cost $76.80.
How much did each bolster cost?

(1) $ 19.20

(2) $ 21.85

(3) $ 22.15

(4) $ 28.15

( )



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## Section B: Short-answer Questions (15 marks)

Questions **11** to **15** carry 1 mark each. Questions **16** to **20** carry 2 marks each. Show your workings clearly in the space below each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

11. Subtract $\frac{1}{8}$ from 4.

    Express your answer as an improper fraction.

Ans: _____

12. In the number line, what is the mixed number represented by A?




Ans: _____

13. Write a fraction between $\frac{1}{3}$ and $\frac{1}{4}$.

Ans: _____



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14. Express $7\frac{1}{20}$ as a decimal.

Ans: _____

15. 6 ones + 12 tenths + 4 hundredths = _____

Ans: _____

16. Find the value of 28.67 ÷ 7.
Give your answer correct to 2 decimal places.

Ans: _____



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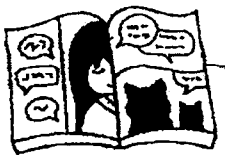
17. What are the missing numbers in the boxes?

$$\begin{array}{r} \boxed{(a)}.\ 0\ \ 5 \\ -\ \ 1\ .\ 6\ \ \boxed{(b)} \\ \hline 4\ .\ 3\ \ 8 \end{array}$$

Ans: (a) _____

(b) _____

18. Henry and Jason had the same amount of money. After Jason bought 5 comic books, Henry had 4 times as much money as him. How much did Jason have left after buying the comic books?



Comic book
$15.60 each

Ans: $ _____

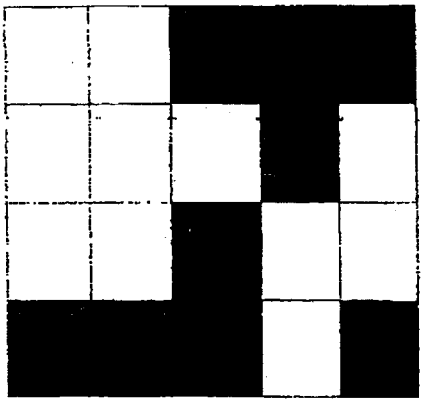
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19. The figure is made up of identical rectangles. How many more rectangles must be shaded to have $\frac{4}{5}$ of the figure shaded?



Ans: _____

20. The table shows the number of books donated by 90 students.

| Number of donated books | 0 | 1 | 2 | 3 | 4 |
|---|---|---|---|---|---|
| Number of students | 15 | 30 | 22 | 13 | 10 |

Each of the statement is either true or false. For each statement, put a tick (✓) to indicate your answer.

| Statement | True | False |
|---|---|---|
| $\frac{1}{3}$ of the students donated 1 book. | | |
| $\frac{1}{2}$ of the students donated more than 2 books. | | |



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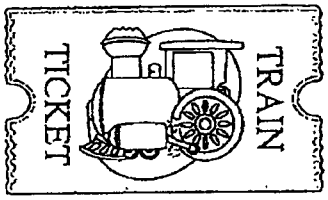
**Section C: (10 marks)**

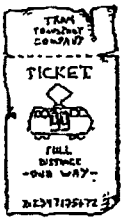
Solve each of the following problems. Show all your working and statements clearly. Write your answers and word statements in the spaces provided.

21. Mr Lim and his son are travelling together.

Working

**Transportation Fees**




| Cost of Mode A | Cost of Mode B |
|---|---|
| Adult Ticket: $12.50 | Adult Ticket: $16.80 |
| Child Ticket : $ 8.90 | Child Ticket : $ 5.40 |

Which mode of transportation is cheaper?

How much can Mr Lim save?

Ans: Mode: _____

Amount: _____ [3]

3



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22. (a) Doreen had some beads for sale. She sold $\frac{1}{3}$ of the beads in the morning and $\frac{2}{5}$ of the beads in the afternoon. What fraction of the beads was left?

Working

Ans: (a) _____ [1]

(b) Doreen had 28 beads left. How many beads did she have at first?

Ans: (b) _____ [2]

3



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23 8 apples and an orange cost $8.60.

4 apples and an orange cost $5.

(a) Find the cost of an apple.

Working

Ans: (a) _____ [2]

(b) Find the cost of an orange.

Ans: (b) _____ [2]

4

********** End of Paper **********



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**SCHOOL : PEI HWA PRIMARY SCHOOL**
**LEVEL : PRIMARY 4**
**SUBJECT : MATHEMATICS**
**TERM : 2023 WA3**

**CONTACT :**

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## SECTION A

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Q1 | 2 | Q2 | 4 | Q3 | 3 | Q4 | 3 | Q5 | 3 |
| Q6 | 4 | Q7 | 2 | Q8 | 2 | Q9 | 3 | Q10 | 2 |

## SECTION B

| | |
|---|---|
| Q11 | $4 - \frac{1}{8} = 3\frac{7}{8} = \mathbf{\frac{31}{8}}$ |
| Q12 | $2\frac{1}{6}$ |
| Q13 | $\frac{7}{24}$ |
| Q14 | $7\frac{1}{20} = 7\frac{5}{100} = \mathbf{7.05}$ |
| Q15 | 6.0 + 1.2 + 0.04 = **7.24** |
| Q16 | 28.67 ÷ 7 = 4.09 ≈ **4.10** |
| Q17 | a) 6 b) 7 |
| Q18 | 3u = \$15.60 x 5 = \$78<br>1u = **\$26** |
| Q19 | $\frac{4}{5} = \frac{16}{20}$<br>16 - 9 = 7 |
| Q20 | True, False |

## SECTION C

| | |
|---|---|
| Q21a | Mode A |
| Q21b | Mode A: \$12.50 + \$8.90 = \$21.40<br>Mode B: \$16.80 + \$5.40 = \$22.20<br>Saved = \$22.20 - \$21.40 = **\$0.80** |



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| | |
|---|---|
| Q22a | $1 - \frac{1}{3} - \frac{2}{5}$<br>$= 1 - \frac{6}{15} - \frac{5}{15} = \mathbf{\frac{4}{15}}$ |
| Q22b | 4u = 28<br>1u = 7<br>15u = 7 x 15 = **105** |
| Q23a | 8A + 1O = $8.60<br>4A + 1O = $5<br>$8.60 - $5 = $3.60<br>4A = $3.60<br>1A = **$0.90** |
| Q23b | 1O = $5 - $3.60 = **$1.40** |



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