RAFFLES GIRLS' PRIMARY SCHOOL
WEIGHTED ASSESSMENT 1 2024
MATHEMATICS
PRIMARY 6

Name: _____ ( )

Form Class: P6 _____

Math Teacher: _____

Date: 27 February 2024

Duration: 50 minutes

Total Score (Out of 30 marks)	
Parent's Signature	

INSTRUCTIONS TO CANDIDATES

1. Do not turn over this page until you are told to do so.
2. Follow all instructions carefully.
3. Answer **ALL** questions and show all working clearly.
4. The use of calculator is allowed for this paper.

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Questions **1** to **5** carry 1 mark each and Questions **6** to **11** 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. [17 marks]

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1. Write one million, forty thousand and twelve in numerals.

Ans: _____ [1]

2. Use all the digits 7, 0, 8 and 5 to form the largest 4-digit odd number.

Ans: _____ [1]

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3. How many sixths are there in $3\frac{5}{6}$?

Ans: _____ [1]

4. Rui Qi prepared 9 litres of fruit juice for a party. She poured the fruit juice equally into 24 cups. How many litres of fruit juice were there in each cup? Give your answer as a fraction in the simplest form.

Ans: _____ ℓ [1]

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5. On Saturday, Jun Jie jogged for a distance of $7\frac{1}{8}$ km. He jogged $1\frac{4}{5}$ km shorter on Saturday than on Sunday. How far did he jog on Sunday? Give your answer as a mixed number.

Ans: _____ km [1]

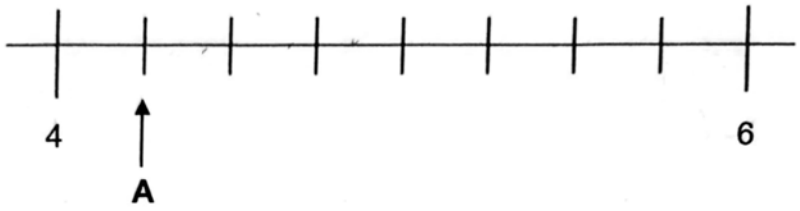
6. Arrange these fractions from the largest to the smallest.

$$\frac{10}{9}, \quad 1\frac{1}{11}, \quad \frac{7}{6}$$

Ans: _____ (Largest), _____, _____ (Smallest) [2]

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7. In the number line, what is the mixed number represented by A?
Give your answer in the simplest form.



Ans: _____ [2]

8. Arjun paid $432 for a dining table and 4 identical chairs. The price of each chair was $\frac{1}{5}$ of the price of the dining table. How much did Arjun pay for the dining table?

Ans: $_____ [2]

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9. A departmental store gives a discount of $4 for every $25 spent. The jacket costs $189 before discount. What is the price of the jacket after discount?



Ans: $ _____ [2]

10. The first 15 numbers of a number pattern are given below.

5 , 2 , 7 , 0 , 1 , 5 , 2 , 7 , 0 , 1 , 5 , 2 , 7 , 0 , 1 .....

1st 15th

What is the sum of the first 124 numbers?

Ans: _____ [2]

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11. Shelly had some chocolate and vanilla cupcakes. She sold $\frac{2}{7}$ of the chocolate cupcakes and $\frac{3}{8}$ of the vanilla cupcakes. $\frac{4}{7}$ of the cupcakes sold were chocolate cupcakes. What fraction of the cupcakes did she sell altogether?

Ans: _____ [2]

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For questions **12** to **14**, show your working clearly and write your answers in the spaces provided. The number of marks available is shown in the brackets [ ] at the end of each question or part-question. [13 marks]

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12. Aminah, Belinda and Devi had a total of 1209 beads at first. They used the same number of beads to make necklaces. Aminah used $\frac{3}{5}$ of her beads, Belinda used $\frac{2}{3}$ of her beads and Devi used $\frac{1}{2}$ of her beads. How many beads did they use altogether to make the necklaces?

Ans: _____ [3]

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13. 6 identical grey equilateral triangles are used to form Figure 1. Dots are placed at an equal distance from each other along the sides of each triangle. The number of dots on each side of a grey triangle is the same and each corner has a dot on it.

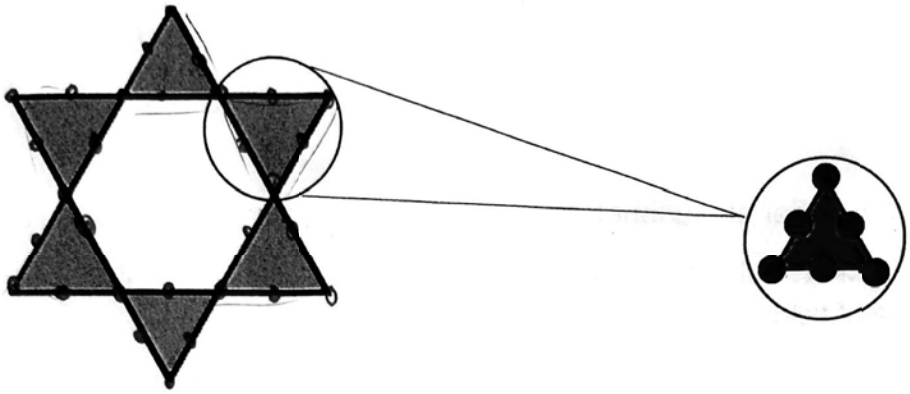


Figure 1 **Figure 2**

(a) Figure 2 shows a section of Figure 1. Three dots are placed on each side of a grey triangle. How many dots will there be altogether in Figure 1?

Ans: (a) _____ [2]

(b) When there are 102 dots in Figure 1, how many dots are there on each side of a grey triangle?

Ans: (b) _____ [3]

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14. The table shows the prices of tickets for an exhibition.

Type	Price per ticket
Adult	$30
Senior Citizen	$18
Student	$12

The number of student tickets sold was $\frac{5}{11}$ of the number of adult tickets sold. $\frac{1}{9}$ of the tickets sold were senior citizen tickets. A total of $9372 was collected from the sale of tickets.

(a) What fraction of the tickets sold were student tickets?

Ans: (a) _____ [2]

(b) What was the total number of tickets sold?

Ans: (b) _____ [3]

END OF PAPER

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