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Nan Hua Primary School
Primary 5 Mathematics
Term 1 Weighted Assessment 2022

Marks	
Section A:	/10
Section B:	/15
Total:	**/25**

Name: _____ ( )

Class: Primary 5 M _____

Date: _____

Duration: 40 minutes

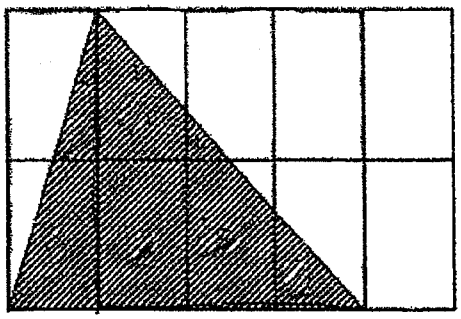
_____
Parent's Signature

Answer all questions.

Section A (10 marks).

Questions **1** to **5** carry 2 mark each.
Write your answers in the space provided.
For questions which require units, give your answers in the units stated.

1. The figure below is made up of 10 identical rectangles. What fraction of the figure is shaded? Leave your answer as a fraction in the simplest form.



Ans: _____

2. 2 ℓ of fruit juice was shared equally among 14 children. How many litres of fruit juice would each child receive? Leave your answer as a fraction in the simplest form.

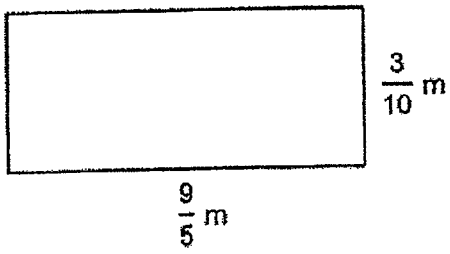
Ans: _____ ℓ

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3. Find the area of the following rectangle. Express your answer as a decimal.



Ans: _____ m^2

4. $\frac{7}{10} - \frac{1}{6} = \frac{\square}{15}$

What is the missing number in the box?

Ans: _____

5. Leon's baby brother weighs $7\frac{2}{5}$ kg. Leon weighs 4 times as heavy as his baby brother. What is Leon's mass?

Ans: _____ kg

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Section B (15 marks)

Questions 6 to 9 carry 2 marks each. For questions 10 and 11, the number of marks available is shown in brackets [ ] at the end of each question. Show your working clearly and write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

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6. Mrs Lum bought $3\frac{1}{2}$ m of cloth. She used $1\frac{1}{3}$ m of cloth to make some cushion covers. How much cloth was left?

Ans: _____m

7. Joan had twice as many beads as Germaine. After Joan gave away $\frac{5}{12}$ of her beads and Germaine bought another 25 beads, they had the same number of beads. How many beads did Joan have at first?

Ans: _____

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8. Justin spent $\frac{3}{8}$ of his money on books and $\frac{2}{5}$ of his remaining money on toys. What fraction of his money did Justin spend on toys?

Ans: _____

9. Lucas and James had the same number of stickers. Lucas gave away $\frac{3}{4}$ of his stickers. James gave away $\frac{1}{8}$ of his stickers. James has 75 more stickers than Lucas left. How many stickers did Lucas and James each have at first?

Ans: _____

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10. Charles, Danny and Emily used $8\frac{3}{4}$ kg of flour to bake some cakes. Danny used $\frac{1}{4}$ kg of flour more than Charles. Emily used twice as much flour as Danny. How much flour did Charles use?

Ans: _____ [3]

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11. Liling had some money. She spent \$14 on a story book, $\frac{3}{7}$ of the remainder on a school bag and saved the rest. She saved \$28. How much money did Liling have at first?

Ans: _____[4]

End of paper

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SCHOOL : NAN HUA PRIMARY SCHOOL
LEVEL : PRIMARY 5
SUBJECT : MATHEMATICS
TERM : 2022 WA1

Section A

Q 1	Half of 6 = 3 No. of shaded rectangles: 1 + 3 = 4 $\frac{4}{10} = \frac{2}{5}$
Q2	14 children = 2ℓ 1 child = $2\ell \div 14$ $= \frac{2}{14}\ell$ $= \frac{1}{7}\ell$
Q3	$\frac{9}{5} \times \frac{3}{10} = \frac{27}{50}$ $\frac{27}{50} = 0.54m^2$
Q4	8
Q5	$7\frac{2}{5} = \frac{37}{5}$ $\frac{37}{5} \times 4 = \frac{148}{5} = 29\frac{3}{5}$ kg

Section B

Q6)	$3\frac{1}{2} - 1\frac{1}{3} = 3\frac{3}{6} - 1\frac{2}{6} = 2\frac{1}{6}$m
Q7)	J: $300 \div 12 = 25$ $300 \div 2 = 150$ G: $25 \times 7 = 175$ $175 - 25 = 150$ $150 + 25 = 175$ $1 - \frac{5}{12} = \frac{7}{12}$ $300 \times \frac{7}{12} = 175$ $1u = 25$ $12u = 300$

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Q8)	$1 - \frac{3}{8} = \frac{5}{8}$ $\frac{5}{8} \times \frac{2}{5} = \frac{1}{4}$
Q9)	J: $120 \div 8 = 15$ $120 - 15 = 105$ L: $120 \div 4 = 30$ $30 \times 3 = 90$ Difference in money they each gave: $90 - 15 = 75$ $75 \div 5 = 15$ $15 \times 8 = 120$
Q10)	$16 \times \frac{1}{4} = 4$ $4u = 8\frac{3}{4} + \frac{1}{4} = 9$ $1u = 9 \div 4 = \frac{9}{4} = 2\frac{1}{4}$ $C = 2\frac{1}{4} - \frac{1}{4} = 2$ $8\frac{3}{4} - \frac{3}{4} = 8$ $4u = 8$ $1u = 8 \div 4 = 2kg$
Q11)	$28 \div 4 \times 7 = 49$ $\$49 + \$14 = \$63$

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