Calculator allowed

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.

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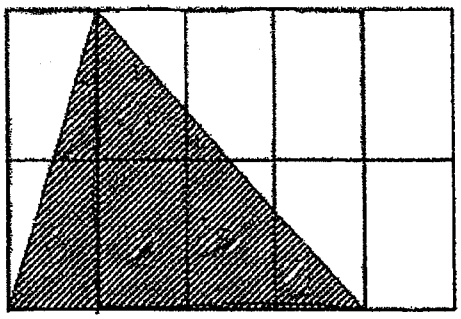
1. The figure below is made up of 10 identical rectangles. What fraction of the figure is shaded? Leave your answer as a fraction in the simplest form.



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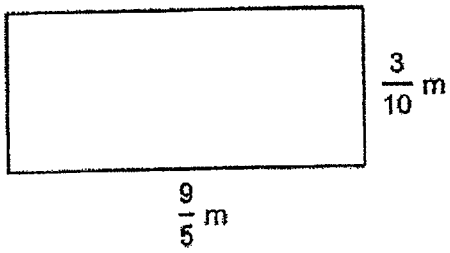
3. Find the area of the following rectangle. Express your answer as a decimal.



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

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 ÷ 12 = 25 300 ÷ 2 = 150 G: 25 x 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

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)	$28 \div 4 \times 7 = 49$ $\$49 + \$14 = \$63$