HENRY PARK PRIMARY SCHOOL
2024 WEIGHTED ASSESSMENT 1
MATHEMATICS
PRIMARY 5

Name: _____ ( )

Parent's Signature

_____

Class: Primary 5 _____

Duration of Paper: 40 min

Marks:

Section A Multiple Choice Questions	12
Section 2 Long Answer Questions	18
Total	30

The use of calculator is **not** allowed.

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Questions **1** to **6** carry 1 mark each. Questions **7** to **9** carry 2 marks each.
All diagrams are not drawn to scale, unless stated otherwise.
For each question, four options are given. One of them is the correct answer.
Make your choice (1, 2, 3 or 4) and shade your answer in the Optical Answer Sheet.

(12 marks)

1 What is the value of 4 in the number 842 673?

(1) 40

(2) 400

(3) 4 000

(4) 40 000

2 What is one million, seven hundred and eighty-four thousand and sixteen in numerals?

(1) 1 700 846

(2) 1 708 416

(3) 1 784 016

(4) 1 784 060

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3 $9 - \square = 7\frac{3}{8}$

What is the missing number in the box?

(1) $1\frac{3}{8}$

(2) $1\frac{5}{8}$

(3) $2\frac{3}{8}$

(4) $2\frac{5}{8}$

4 How many sixths are there in $2\frac{2}{3}$?

(1) 16

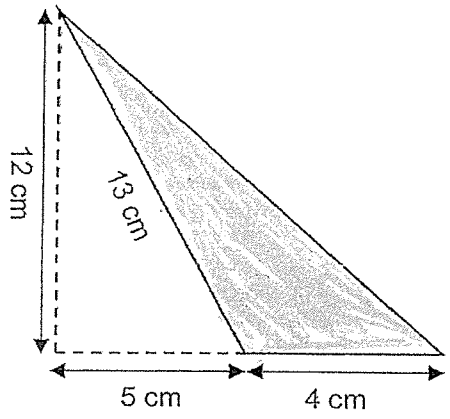
(2) 10

(3) 8

(4) 4

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5 What is the area of the shaded triangle?



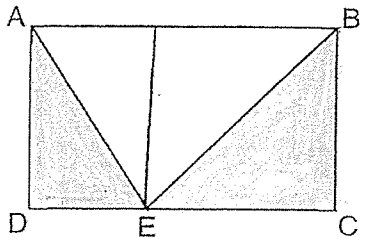
(1) 24 cm^2

(2) 26 cm^2

(3) 30 cm^2

(4) 54 cm^2

6 ABCD is a rectangle. AB = 12 cm, BC = 9 cm and DEC is a straight line. What is the total area of the shaded parts of the rectangle?



(1) 36 cm^2

(2) 42 cm^2

(3) 54 cm^2

(4) 108 cm^2

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7 The ratio of the length to the breadth of a field is 5 : 4. The breadth of the field is 20 m. Find the perimeter of the field.

(1) 36 m

(2) 45 m

(3) 72 m

(4) 90 m

8 A fruit seller had 140 papayas. He threw away $\frac{1}{4}$ of the papayas that were rotten. He sold $\frac{3}{5}$ of the remainder. How many papayas were left in the end?

(1) 21

(2) 35

(3) 42

(4) 63

9. A table with 4 columns is filled with whole numbers in a certain pattern. The first 4 rows of the table are shown below.

	Column A	Column B	Column C	Column D
Row 1	3	4	5	6
Row 2	7	8	9	10
Row 3	11	12	13	14
⋮	⋮	⋮	⋮	⋮

In which column will the number 220 appear?

(1) Column A

(2) Column B

(3) Column C

(4) Column D

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Questions **10** to **13** carry 1 mark each. Questions **14** to **20** 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.

(18 marks)

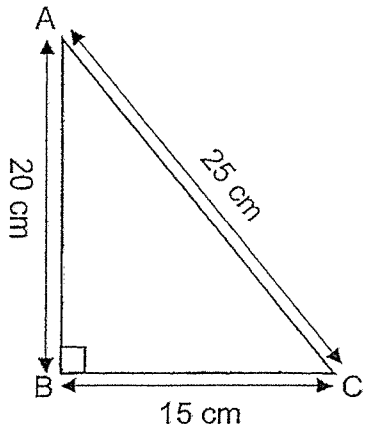
10 Find the value of $(100 - 8 \times 8) \div 2 + 3$.

Ans: _____

11 Find the value of $\frac{2}{7} \times \frac{1}{8}$. Give your answer in the simplest form.

Ans: _____

12 Find the area of triangle ABC.



Ans: _____ cm^2

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13 Mei Ling and Qi Fang shared the cost of a camera in the ratio of 7 : 2. Qi Fang paid $40 less than Mei Ling. What was the cost of the camera?

Ans: $_____

14 Jane has 50 more sweets than Dario at first. After Dario ate 10 sweets, Jane had four times as many sweets as Dario. How many sweets did Jane have at first?

50

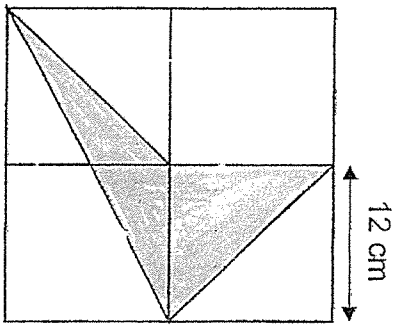
Ans: _____

15 In a box, $\frac{3}{4}$ of the fruits are pears and the rest are oranges. After giving away 160 pears, there are now twice as many oranges as pears. Find the total number of pears and oranges in the box in the end.

Ans: _____

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16 The figure below is made up of squares of side 12 cm each. Find the area of the shaded parts.



Ans: _____ cm^2

17 The number of cards Aaron, Brandon and Cayden have is in the ratio 3 : 2 : 5. Aaron had 45 cards. How many cards do they have altogether?

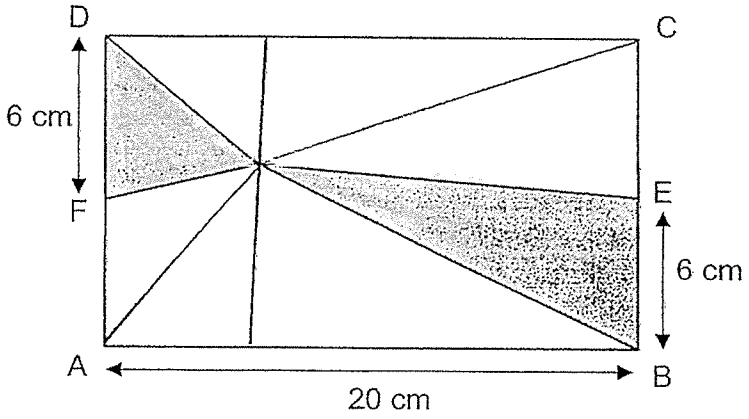
Ans: _____

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18 Peter used $\frac{2}{5}$ of his salary on a TV. He spent $\frac{1}{6}$ of the remaining money on a table and \$350 on some chairs. He was then left with $\frac{1}{4}$ of his salary. What was his salary?

Ans: \$ _____

19 The figure below shows a rectangle ABCD where AB = 20 cm, BC = 12 cm and BE = DF = 6 cm. Find the total area of the unshaded parts of the rectangle.



Ans: _____ cm^2

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20 A group of friends shared some coins among themselves. They tried taking 13 coins each, but found that the last friend had only 4 coins. When each friend took 10 coins, there were 12 coins left. How many coins were there altogether?

Ans: _____

End of Paper

Setter: Sea Chi Huah Rodney

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SCHOOL: HENRY PARK PRIMARY SCHOOL

SUBJECT: MATHEMATICS

LEVEL: PRIMARY 5

PAPER: WEIGHTED ASSESSMENT 1

SECTION 1

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9
4	3	2	1	1	3	4	3	2

SECTION 2

Q10. 21

Q11. $\frac{1}{28}$

Q12. $150cm^2$

Q13. $7 - 2 = 5$

$40 \div 5 = 8$

$7 + 2 = 9$

$9 \times 8 = 72$

Ans: $72

Q14. $50 + 10 = 60$

$60 \div 3 = 20$

$20 \times 4 = 80$

Ans: 80 sweets

Q15. $160 \div 5 = 32$

$32 \times 3 = 96$

Ans: 96

Q16. $12 \times 12 = 144$

Ans: $144cm^2$

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Q17. $45 \div 3 = 15$

$3 + 2 + 5 = 10$

$15 \times 10 = 150$

Ans: 150 cards

Q18. $\frac{2}{5} = \frac{8}{20}$

$\frac{3}{5} \times \frac{1}{6} = \frac{1}{10} = \frac{2}{20}$

$\frac{1}{4} = \frac{5}{20}$

$1 - \frac{8}{20} - \frac{2}{20} - \frac{5}{20} = \frac{5}{20}$

$350 \div 5 = 70$

$70 \times 20 = 1400$

Ans: $1400

Q19. shaded area $\rightarrow \frac{1}{2} \times 20 \times 6 = 60$

$20 \times 12 = 240$

$240 - 60 = 180$

Ans: $180cm^2$

Q20. $13 - 10 = 3$

$13 - 4 = 9$

$9 + 12 = 21$

$21 \div 3 = 7$ (number of friends)

$(7 \times 10) + 12 = 82$

Ans: 82 coins

END

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