Name: _____ ( )

Class : Primary 5 _ _____

CHIJ ST NICHOLAS GIRLS' SCHOOL (PRIMARY)

Primary 5 Mathematics

2018 Continual Assessment

Paper 1

Booklet A

27 February 2018

15 questions
20 marks

TOTAL TIME FOR BOOKLETS A & B : 1 HOUR

INSTRUCTIONS TO CANDIDATES

Do not turn over this page until you are told to do so.
Follow all instructions carefully.
Answer all questions.
Shade your answers in the Optical Answer Sheet (OAS) provided.
The use of calculators is NOT allowed.

This booklet consists of 9 printed pages including the cover page.

Questions **1** to **10** carry 1 mark each. Questions **11** to **15** 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). Shade the correct oval (1, 2, 3, or 4) on the Optical Answer Sheet.

(20 marks)

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1. The value of the digit 5 in 85 762 is _____.

   (1) 5
   (2) 50
   (3) 500
   (4) 5000

2. 4 213 509 when rounded to the nearest thousand is _____.

   (1) 4 214 509
   (2) 4 214 000
   (3) 4 210 509
   (4) 4 210 000

3. $9\frac{2}{7}$ = _____ sevenths

   What is the missing number?

   (1) 18
   (2) 23
   (3) 63
   (4) 65

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

$\frac{7}{6}$, $\frac{5}{2}$, $1\frac{2}{3}$

(1) $\frac{5}{2}$, $\frac{7}{6}$, $1\frac{2}{3}$

(2) $\frac{5}{2}$, $1\frac{2}{3}$, $\frac{7}{6}$

(3) $\frac{7}{6}$, $\frac{5}{2}$, $1\frac{2}{3}$

(4) $1\frac{2}{3}$, $\frac{7}{6}$, $\frac{5}{2}$

5. Express $3\frac{9}{20}$ as a decimal.

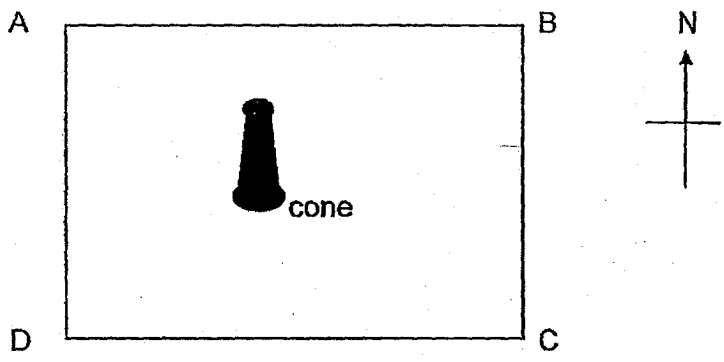
(1) 3.92

(2) 3.9

(3) 3.45

(4) 3.045

6. The figure below shows the position of a cone on a football field. Which corner of the field is north-west of the cone?

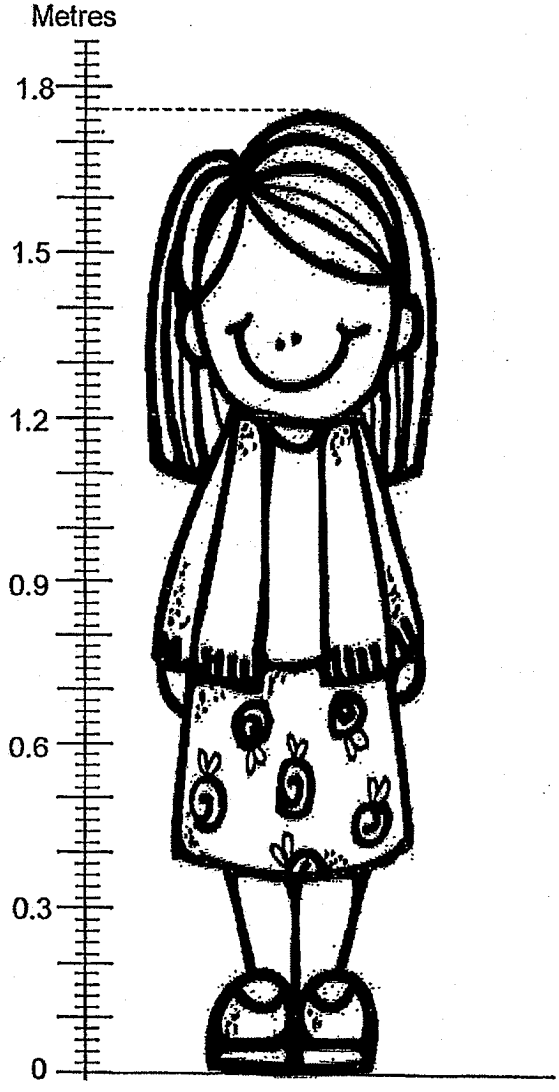


(1) A
(2) B
(3) C
(4) D

7. A shop sold 40 similar light bulbs for $640. What was the price of each light bulb?

(1) $160
(2) $140
(3) $16
(4) $14

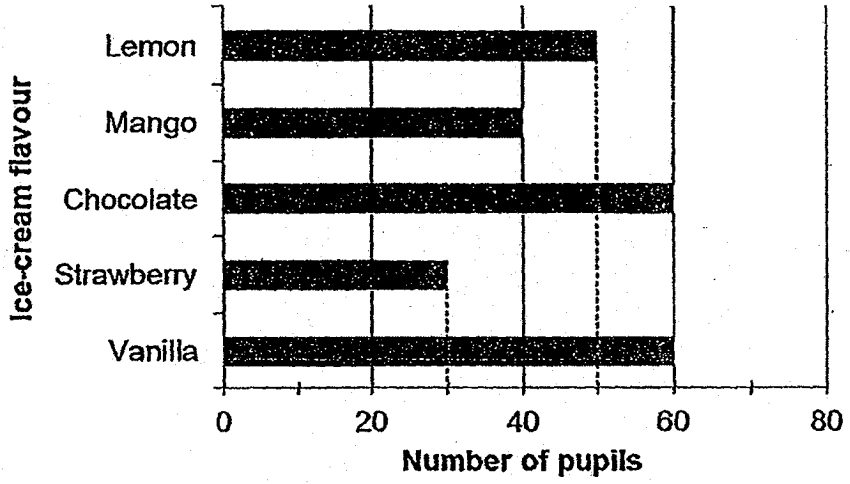
8. Gita measured her height using a tape measure, as shown below.
What was her height?



(1) 1.73 m
(2) 1.76 m
(3) 1.82 m
(4) 1.84 m

Study the graph below and answer questions 9 and 10.

The bar graph shows the different flavours of ice-cream chosen by 240 pupils.



9. Which ice-cream flavour was the least popular?

(1) Lemon
(2) Mango
(3) Strawberry
(4) Vanilla

10. $\frac{1}{6}$ of the pupils chose_____ ice-cream.

(1) chocolate
(2) lemon
(3) mango
(4) strawberry

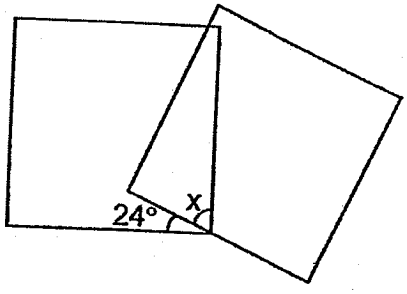
11. $\frac{3}{8}$ of the people in the library were children. $\frac{1}{4}$ of them were men and the rest were women. There were 12 women. How many people were there altogether.

(1) 32
(2) 44
(3) 48
(4) 52

12. 3 chickens weigh as much as 2 ducks. 6 chickens and 5 ducks weigh 18.9kg. What is the mass of a duck?

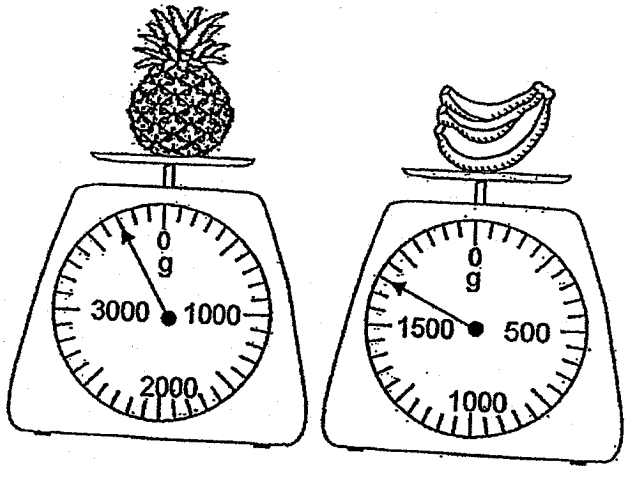
(1) 2.1 kg
(2) 2.6 kg
(3) 2.7 kg
(4) 2.9 kg

13. The figure below is made up of 2 identical squares. Find $\angle x$.



(1) 12°
(2) 33°
(3) 66°
(4) 76°

14. The figure below shows 2 different fruits, a pineapple and a bunch of bananas. Find the total mass of the two fruits.



(1) 5150 g
(2) 5230 g
(3) 5350 g
(4) 5500 g

15. Ruiqi, Gigi and Krystal bought a gift for their mother. **Ruiqi paid 3 times as much money as Gigi. Ruiqi paid $35 more than Krystal. Ruiqi and Gigi paid $96 altogether. How much did Krystal pay?**

(1) $73
(2) $67
(3) $59
(4) $37

** END OF BOOKLET A**

Name : _____ ( )

Class : Primary 5 _____

CHIJ ST NICHOLAS GIRLS' SCHOOL (PRIMARY)

Primary 5 Mathematics

2018 Continual Assessment

Paper 1

Booklet B

27 February 2018

Booklet A	20
Booklet B	25
Total (Paper 1)	45

Parent Guardian's Signature

15 questions
25 marks

TOTAL TIME FOR BOOKLETS A & B : 1 HOUR

INSTRUCTIONS TO CANDIDATES

Do not turn over this page until you are told to do so.
Follow all instructions carefully.
Answer all questions.
Write your answers in this booklet.
The use of calculators is **NOT** allowed.

This booklet consists of 9 printed pages including the cover page.

Questions **16** to **20** carry 1 mark each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

(5 marks)

Do not write in this space

16. Find the value of $64 \div 2 \times 10 \div (24 \div 3)$.

Ans : _____

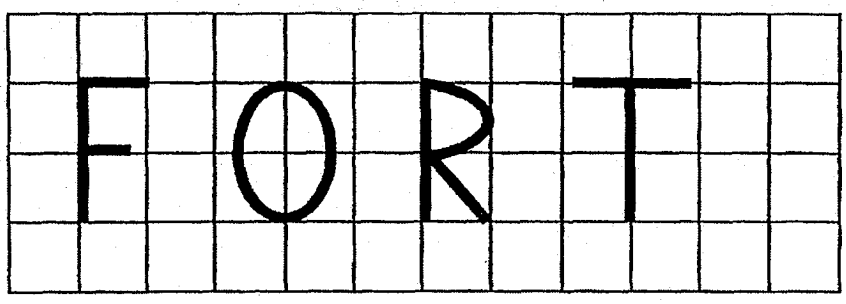
17. Find the sum of $\frac{2}{7}$ and $\frac{1}{2}$.

Ans : _____

18. What is **3.9 less than 4.08?**

Ans : _____

19. Which one of the following letters has parallel lines?



Ans : _____

Do not write in this space

20. 4 km 20 m = _____ m

Ans : _____

Questions **21** to **30** 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. (20 marks)

Do not write in this space

21. Melvin bought a new car for **$136 900 when rounded to the nearest hundred dollars. What is the greatest amount of money Melvin could have paid for the car?**

Ans : $_____

22. **Maya made 8 pizzas. She distributed the pizzas to 6 friends equally. How many pizzas did each friend receive? Give your answer as a mixed number in the simplest form.**

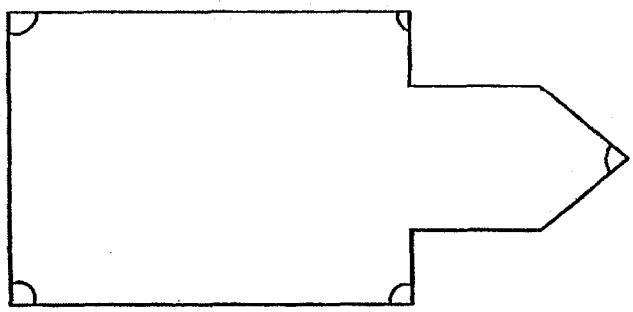
Ans : _____

23. Titan mixed 1.4 ℓ of chocolate syrup with 3.32 ℓ of milk. He poured the mixture equally into 8 bottles. How many litres of the mixture were there in each

Do not write in this space

Ans : _____ ℓ

24. Look at the marked angles in the figure below. How many marked angles are **greater than a right angle?**



Ans : _____

25. Erasers were sold in packs of 5. Each pack of erasers was sold at $4. Leon paid $40 for the erasers. How many erasers did he buy?

Do not write in this space

Ans : _____

26. Julie bought 2 m of cloth. She used $\frac{7}{10}$ m to sew a bag and $\frac{1}{5}$ m to sew a

Ans : _____ m

27. Nisha read 3 books in 4 hours. She spent the same amount of time to read the first 2 books. She took 12 minutes longer to read the third book than the first book. How many minutes did she take to read the first book?

Do not write in this space

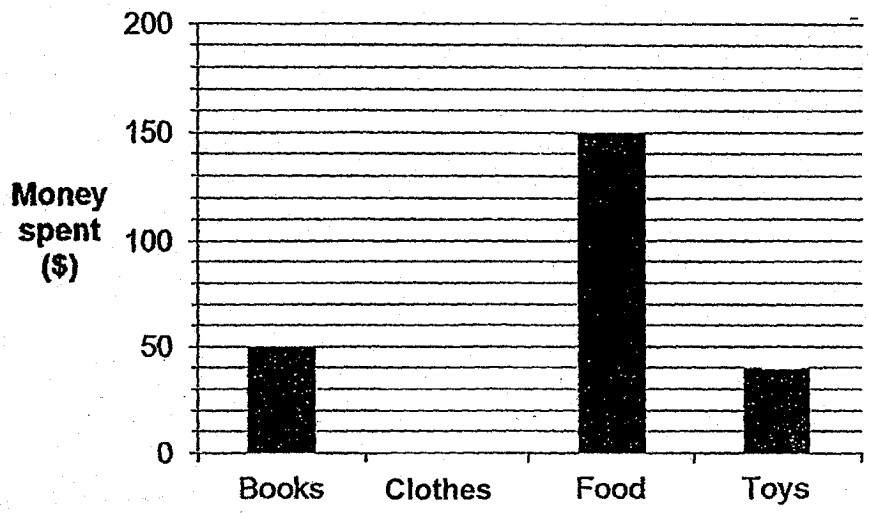
Ans : _____ min

28. Kexin baked some pineapple tarts. She gave $\frac{2}{7}$ of them to her grandfather and 22 pineapple tarts to her mother. She had 18 pineapple tarts left. How many pineapple tarts did she bake at first?

Ans : _____

29. The bar graph below shows how Cayden spent his allowance.

Do not write in this space



The bar for the amount of money spent on clothes has not been drawn.
Draw and shade the bar to show the amount of money spent on clothes using the clues given below.

Clue 1: $\frac{1}{2}$ of his money is spent on food.

Clue 2: $\frac{1}{5}$ of his money is spent on clothes.

30. Louis and Joshua folded some paper roses. At first, Louis folded 20 more paper roses than Joshua. After a break, Louis folded another 25 paper roses and Joshua folded another 16. In the end, Louis folded twice as many paper roses as Joshua. How many paper roses did Louis fold altogether?

Do not write in this space

Ans : _____

END OF PAPER 1

Name : _____ ( )

Class : Primary _____

CHIJ ST NICHOLAS GIRLS' SCHOOL (PRIMARY)

Primary 5 Mathematics

2018 Continual Assessment

Paper 2

27 February 2018

Paper 1	45
Paper 2	55
Total	100

_____

Parent's / Guardian's Signature

TOTAL TIME FOR PAPER 2 : 1 HOUR 30 MINUTES

INSTRUCTIONS TO CANDIDATES

Do not turn over this page until you are told to do so.
Follow all instructions carefully.
Answer all questions.
Write your answers in this booklet.
The use of an approved calculator is expected, where appropriate.

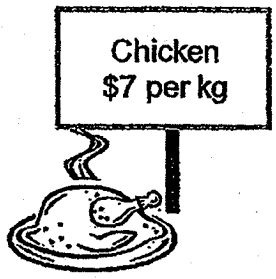
This booklet consists of 15 printed pages including the cover page.

Questions **1** to **5** 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.

(10 marks)

Do not write in this space

1. Peter bought 2.9 kg of chicken. How much did he pay?



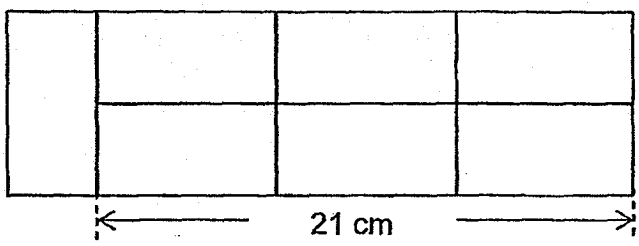
Ans : $ _____

2. Irene has some pies. If she gives each of her friends 5 pies, there will be no pies left. If she gives each of her friends 3 pies, she will have 12 pies left. How many pies does Irene have?

Ans : _____

3. The figure below is made up of 7 identical rectangles. Find the area of the figure.

Do not write in this space



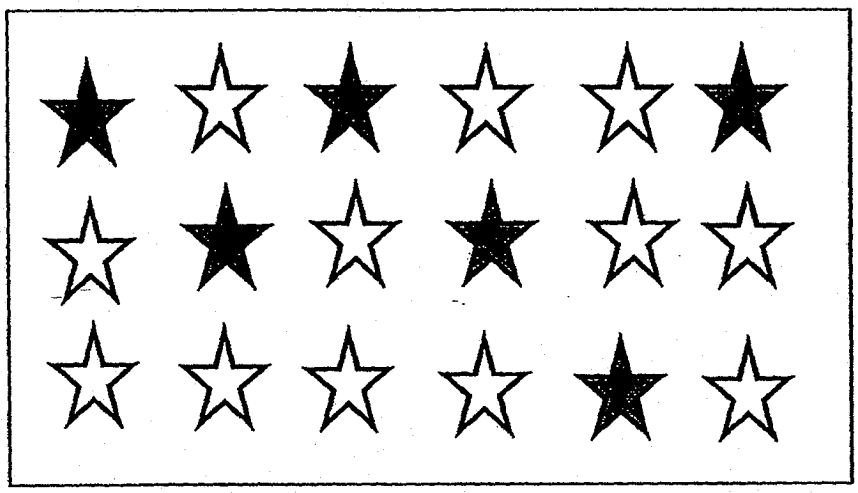
Ans : _____ cm^2

4. Tabby bought a roll of ribbon measuring **475 cm** long to tie some presents. He used 52 cm of ribbon to tie **each present**. What was the **greatest number of** presents Tabby could tie with **the roll of ribbon?**

Ans : _____

5. How many unshaded stars must be removed so that $\frac{3}{7}$ of the total number of stars are shaded?

Do not write in this space



Ans : _____

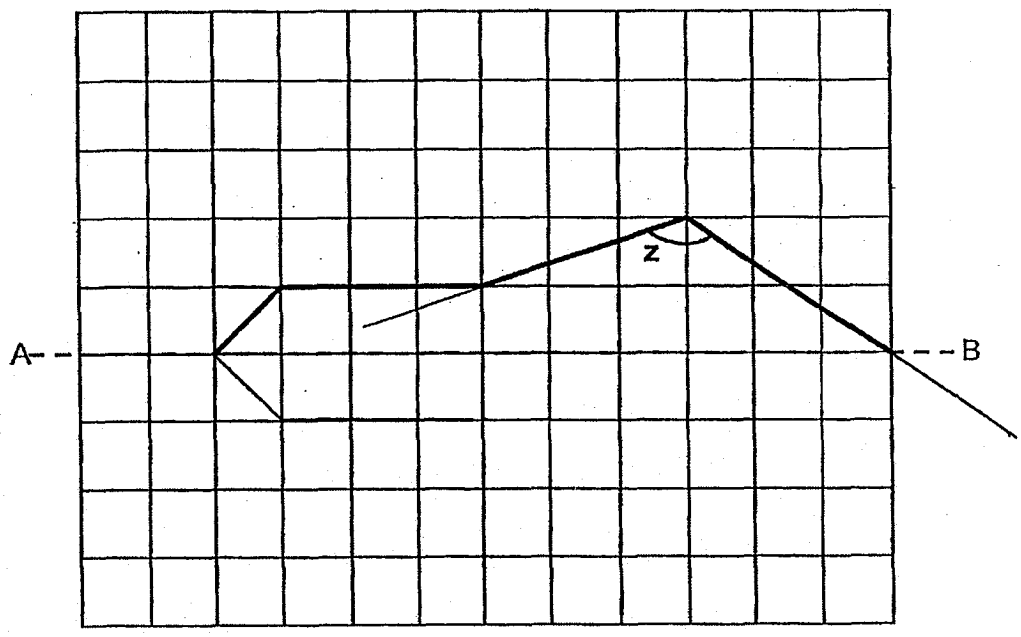
For questions **6 to 17**, show your working clearly and write your answers in the spaces provided. The number of marks available is shown in brackets [ ] at the end of of each question or part-question.

(45 marks)

Do not write in this space

6. a) Measure ∠z.

b) Complete the symmetric figure with line AB as the line of symmetry. [2]



Ans : (a) _____ [1]

7. Chef Chan bought 84 ℓ of cooking oil. He used $\frac{1}{3}$ of it on Monday. He then used another 20 ℓ of it on Tuesday. How much cooking oil did he use altogether?

Do not write in this space

Ans : _____ [3]

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

7 , 4 , 5 , 0 , 7 , 4 , 5 , 0 , 7 , 4 , 5 , 0 , 7 , 4 , 5 , ...
1st 15th

a) What is the 125th number?

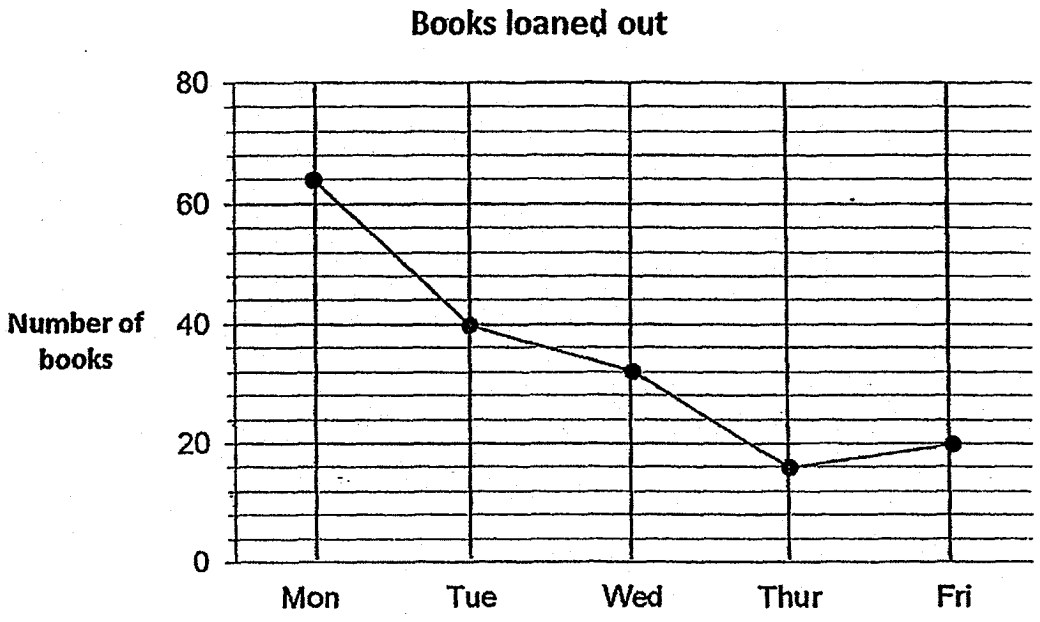
b) What is the sum of the first 125 numbers?

Ans : (a) _____ [1]

(b) _____ [2]

9. The line graph below shows the number of books loaned out by a school library over 5 days. Use the line graph to answer the questions.

Do not write in this space



a) How many books were loaned out on **Wednesday?**

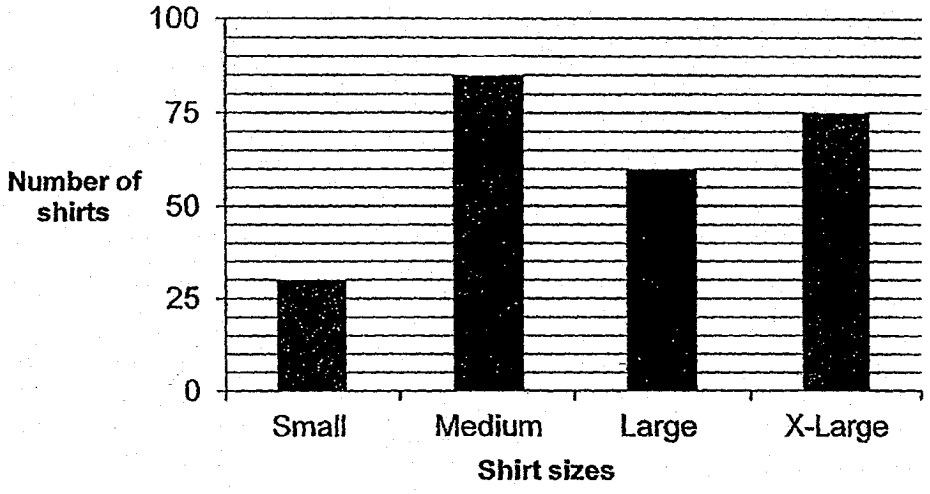
b) How many **more** books were loaned out **on Monday than on Thursday?**

Ans : (a) _____ [1]

(b) _____ [2]

10. The bar graph below shows the number of shirts sold for each size by a shop in a week.

Do not write in this space



The table below shows the prices of the shirts.

Size of shirt	Price per shirt
Small	$12
Medium	$13
Large	$14
X-Large	$15

a) What fraction of the shirts **sold were medium-sized?**Give your answer in the **simplest form.**

b) From the sale of which size of shirt did the shop **collect the most amount of money?**

Ans : (a) _____ [1]

(b) _____ [2]

11. For an enrichment program, pupils were allowed to attend either the Sewing Class or the Pottery Class. The number of pupils who attended the Sewing Class was 146 more than the number of pupils who attended the Pottery Class. 17 pupils from the Pottery Class decided to attend the Sewing Class. The number of pupils who attended the Sewing Class was 6 times the number of pupils who attended the Pottery Class. Find the total number of pupils in the 2 classes.

Do not write in this space

Ans : _____ [3]

12. Ravi collected 3 parcels, A, B and C. Parcel A is the heaviest and Parcel B is the lightest. The mass of Parcel B is $\frac{3}{8}$ kg. The difference in the mass between Parcel A and Parcel B is $\frac{1}{4}$ kg. The difference in the mass between Parcel A and Parcel C is $\frac{1}{5}$ kg. Find the total mass of the 3 parcels.

Do not write in this space

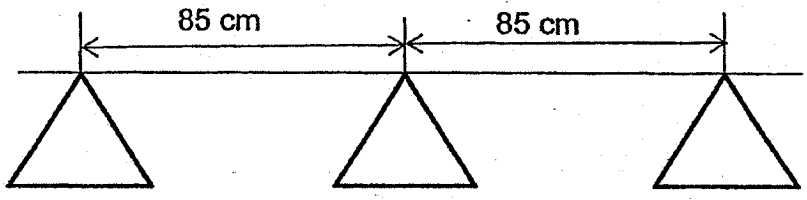
Ans : _____ [4]

13. There are some banners hanging on a rope along the corridor of the school hall. The distance between every 2 banners is 85 cm.

Do not write in this space

a) Find the distance between the 1st banner and 19th banner. Give your answer in metres and centimetres.

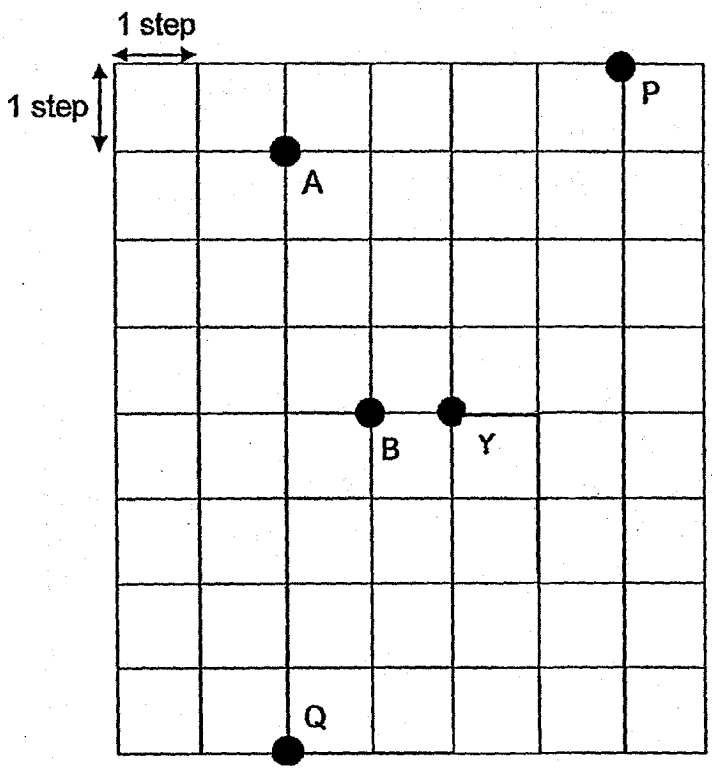
b) Given the distance between the first banner and the last banner is 4590 cm, how many banners are there altogether?



Ans : (a) _____ [2]

(b) _____ [2]

14. Look at the square grid below.



Do not write in this space

a) Point Y is _____ of Point A.

b) Patsy wants to move from Point Y to Point A. She needs to move 2 steps to the (i) _____ and 3 steps to the (ii) _____.

c) Patsy was at a certain point and wanted to reach Point Y. She followed the instructions and arrived at Point Y.

Instructions:
Take 1 step to the west
Then 4 steps to the north
Then 3 steps to the east

What was her starting point?

Ans: (a) _____ [1]

(b)(i) _____, (ii) _____ [2]

(c) _____ [1]

15. The table below shows the number of stamps Leanne, Susan and Ronald had.

Do not write in this space

Name	Number of stamps
Leanne	220
Susan	1320
Ronald	599

Ronald gave Leanne and Susan an equal number of stamps each. Then Susan had 5 times as many stamps as Leanne. How many stamps did Ronald have left?

Ans : _____ [5]

16. Mr Bay prepared 150 meatballs for 36 pupils.

$\frac{1}{2}$ of the pupils took 5 meatballs each and $\frac{1}{6}$ of them took 2 meatballs each.

The rest of the meatballs were then distributed equally among the remaining pupils.

a) How many meatballs were distributed to the remaining pupils altogether?

b) How many meatballs did each of the remaining pupils take?

Do not write in this space

Ans : (a) _____ [4]

(b) _____ [1]

17. Denise wants to buy some pens and rulers. 5 pens and a ruler cost $8.35. A ruler costs $0.65 less than a pen.

a) How much does a pen cost?

b) Denise wants to buy 8 pens and 2 rulers but she has only $10. How much more money does she need?

Do not write in this space

Ans : (a) _____ [3]

(b) _____ [2]

** End of Paper **

SCHOOL : CHIJ PRIMARY SCHOOL
LEVEL : PRIMARY 5
SUBJECT : MATH
TERM : 2018 CA1

PAPER 1 BOOKLET A

Q 1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
4	2	4	2	3	1	3	2	3	3

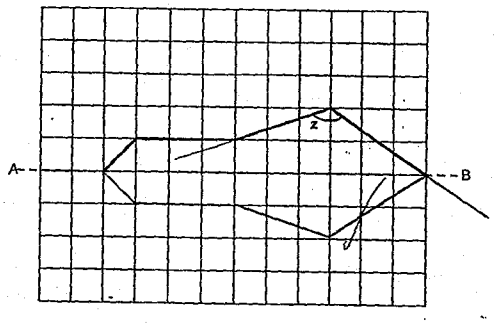
Q 11	Q12	Q13	Q14	Q15
1	1	3	3	4

PAPER 1 BOOKLET B

Q16)	64 ÷ 2 x 10 + (24÷3) = 64÷2 x 10 + 8 =32 x 10 + 8 =320 + 8 = 328
Q17)	2/7 + ½ =4/14 + 7/14 = 11/14
Q18)	4.08 – 3.9 = 0.18
Q19)	F
Q20)	4km = 4000m 4000m + 20 m = 4020 m
Q21)	136949 ≈ $136 900
Q22)	8÷6 = 8/6 8/6 = 12/6 = 11/3
Q23)	3.32L + 1.4L = 4.72L 4.72L÷8 = 0.59L
Q24)	4
Q25)	$40 ÷$4 = 10 10 x 5 = 50
Q26)	2 – 7/10 = 13/10 13/10 – 1/5

	=13/10 – 2/10 = 11/10 m
Q27)	4 hours = 240 min 240 – 12 = 228 228 ÷3 = 76 min
Q28)	22 + 18 = 40 40÷ 5 = 8 8 X 7 = 56
Q29)	150 X 2 = 300 300 ÷5 = 60
Q30)	20 + 25 = 45 1unit→45 – 16 = 29 2units→29 x 2 = 58

PAPER 2

Q1)	$7 x 2 = $14 $7÷10 = $0.70 $0.70 x 9 = $6.30 $14 + $6.30 = $20.30
Q2)	1 person diff→5 – 3 = 2 ? person →12 ÷2 = 6 6 x 5 = 30
Q3)	21 ÷6 = 3.5 3.5 x 2 = 7 3.5 x 7 = 24.5 24.5 x 7 = 171.5 cm2
Q4)	475÷52 = 9 R 7 Ans: 9
Q5)	3/7 x2 = 6/14 18 – 14 = 4
Q6)	a)128° b) 
Q7)	84÷3 = 28 28 + 20 = 48L

Q8)	a)125 ÷ 4 = 32 R1 b)7 + 4 + 5 = 16 16 x 31 = 496 496 + 7 = 503
Q9)	a)32 books b)64 – 16 = 48
Q10)	a)30 + 85 + 60 + 75 = 250 85/250 = 17/50 b)small→30 x $12 = $360 Medium→$13 x 85 = $1105 Large→$14 x 60 = $840 X – Large→75 X $15 = $1125 Ans: X - Large
Q11)	6 – 1 = 5 5 units→17 + 17 + 146 = 180 1 unit→180 ÷ 5 = 36 (s + p) 7 units→36 x 7 = 252
Q12)	A→3/8 + ¼ = 5/8 C→5/8 – 1/5 = 17/40 5/8 + 3/8 + 17/40 = 1 17/40 kg
Q13)	a)19 – 1 = 18 18 x 85 cm = 1530 cm = 15 m 30 cm b)4590 cm ÷ 85 cm = 54 54 + 1 = 55
Q14)	a)South- east b)i) West , ii) North c)Point Q
Q15)	5 – 4 = 1 1320 – 220 = 1100 1100 ÷ 4 = 275 275 – 220 = 55 55 x 2 = 110 599 – 110 = 489
Q16)	a)36 ÷ 6 = 6 6 x 2 = 12 36 ÷ 2 = 18 18 x 5 = 90 90 + 12 = 102 150 – 102 = 48 b) ½ + 1/6 = 3/6 + 1/6 = 4/6 1 – 4/6 = 2/6 6 x 2 = 12 48 ÷ 12 = 4
Q17)	a)$8.35 + $0.65 = $9 5 + 1 = 6

$9 ÷ 6 = $1.50

b)$1.50 x 8 = $12

$1.50 – $0.65 = $0.85

$12 + $0.85 + $0.85 = $13.70

$13,70 – $10 = $3.70