

Name : _____ ()

Class : Primary 5 _____



Primary 5 Mathematics

2015 Continual Assessment One

Paper 1

Booklet A

3 March 2015

15 questions
20 marks

TOTAL TIME FOR BOOKLETS A & B : 50 MINUTES

INSTRUCTIONS TO CANDIDATES

DO NOT TURN OVER THIS PAGE UNTIL YOU ARE TOLD TO DO SO.

FOLLOW ALL INSTRUCTIONS CAREFULLY.

ANSWER ALL QUESTIONS.

THE USE OF CALCULATORS IS NOT ALLOWED.

This booklet consists of 8 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, 4) on the Optical Answer Sheet.

(20 marks)

1) In 702 841, the digit 7 is in the _____ place.

- (1) hundreds
- (2) thousands
- (3) ten thousands
- (4) hundred thousands

2) 650 750 is _____ more than 620 250.

- (1) 305
- (2) 3050
- (3) 30 050
- (4) 30 500

3) The price of a car was \$94 000 after being rounded off to the nearest thousand dollars. Which of the following could possibly be the original price of the car?

(1) \$93 450

(2) \$93 499

(3) \$94 499

(4) \$94 544

4) $353\,651 = 300\,000 + \boxed{?} + 3000 + 600 + 51.$

What is the missing number in the box?

(1) 500

(2) 5000

(3) 50 000

(4) 500 000

5) Which one of the following decimals is the largest?

(1) 1.055

(2) 1.550

(3) 1.005

(4) 1.505

6) Express $4\frac{1}{50}$ as a decimal.

(1) 4.02

(2) 4.15

(3) 4.20

(4) 4.50

7) In 0.043, the digit 3 stands for _____.

(1) 3 ones

(2) 3 tenths

(3) 3 hundredths

(4) 3 thousandths

8) Which one of the following has the same value as $8 + \frac{6}{20}$?

(1) 8.02

(2) 8.10

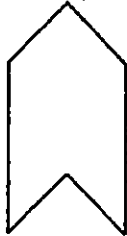
(3) 8.30

(4) 8.60

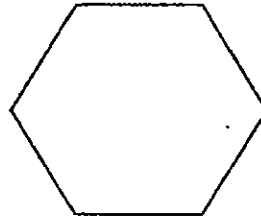
9) Which of the following shapes can be tessellated?



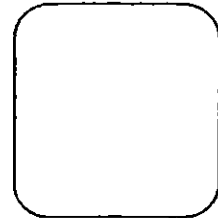
A



B



C



D

- (1) A and B only
- (2) A and D only
- (3) B and C only
- (4) C and D only

10) Find the value of $\frac{3}{7} \times 4$

- (1) 6
- (2) 18
- (3) 21
- (4) 126

- 11) What is the difference between the length of Rope B and the total length of Rope A and Rope C?

Rope	Length
A	6.05 m
B	7.89 m
C	2.60 m

- (1) 0.76 m
(2) 5.96 m
(3) 6.81 m
(4) 12.86 m
- 12) Ashton had 90 mangoes. He sold $\frac{5}{6}$ of the mangoes. How many mangoes were left?

- (1) 15
(2) 20
(3) 45
(4) 75

13) What is the missing number in the box below?

$$1.72 = 1 + \frac{3}{5} + \boxed{?}$$

(1) $\frac{1}{50}$

(2) $\frac{3}{25}$

(3) $\frac{3}{5}$

(4) $\frac{18}{25}$

14) Dave spent $\frac{1}{5}$ of his money on a file and $\frac{2}{3}$ of it on a notebook. What fraction of his money did he have left?

(1) $\frac{2}{15}$

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

(3) $\frac{4}{5}$

(4) $\frac{13}{15}$

15) Madison bought a tea set which consists of a teapot and 5 teacups for \$257. The teapot costs \$17 more than each teacup. Find the cost of 1 such teacup.

(1) \$40

(2) \$48

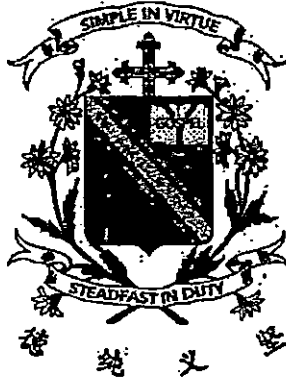
(3) \$114

(4) \$120

End of Booklet A

Name : _____.()

Class : Primary 5 _____



Primary 5 Mathematics

2015 Continual Assessment One

Paper 1

Booklet B

3 March 2015

**15 questions
20 marks**

TOTAL TIME FOR BOOKLETS A & B : 50 MINUTES

INSTRUCTIONS TO CANDIDATES

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This booklet consists of 8 printed pages including the cover page.

Questions 16 to 25 carry 1 mark each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (10 marks)

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16) Round off 11.304 to 2 decimal places.

Ans : _____

17) Mrs Randy drove from the supermarket to her home which was 9.8 km away. After driving 4.35 km, she stopped at a petrol station along the way. How much further did she have to drive before she reached

Ans : _____ km

18) What is the value of $20 \div (6 - 4) + 8$?

Ans : _____



- 19) Mrs Swift had a piece of ribbon of length 1 m. She cut off 26 cm of it. What fraction of the ribbon did she have left? Give your answer in the simplest form.

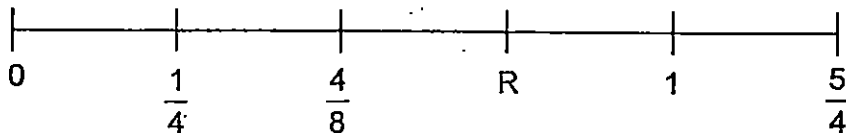
Do not write in this space.

Ans : _____

- 20) Nikita had some money. She used $\frac{1}{4}$ of it on a storybook and $\frac{1}{3}$ of it on a birthday gift. The storybook and the birthday gift cost \$63 altogether. How much money did she have left?

Ans : \$ _____

- 21) What is the missing fraction represented by R? Give your answer in the simplest form.



Ans : _____



22) The population of Watiki Town, when rounded off to the nearest hundred, was 18 000. What could be the largest possible population of Watiki Town?

Do not write in this space.

Ans : _____

23) Express $\frac{47}{8}$ as a mixed number.

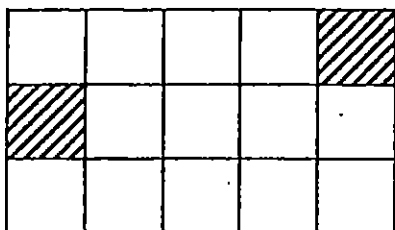
Ans : _____

24) What is 67.05×9 ?

Ans : _____



25) How many more squares must be shaded so that only $\frac{1}{3}$ of the figure is left unshaded?



Ans : _____

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this space.



Questions 26 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. (10 marks)

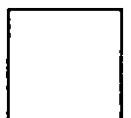
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- 26) A string measuring 161 cm long was cut into 7 equal pieces. Myra used 4 such pieces to tie a box. Find the total length of the string she used to tie the box.

Ans : _____ cm

- 27) Rayna had $\frac{9}{10}$ m of cloth. Cerys had $\frac{1}{2}$ m of cloth less than Rayna. How much cloth did they have altogether? Leave your answer as a mixed number.

Ans : _____ m



28) Annie, Brenda and Calista collected a total of 126 beads. Annie and Brenda collected 71 beads altogether. Annie and Calista collected 69 beads altogether. How many beads did Annie collect?


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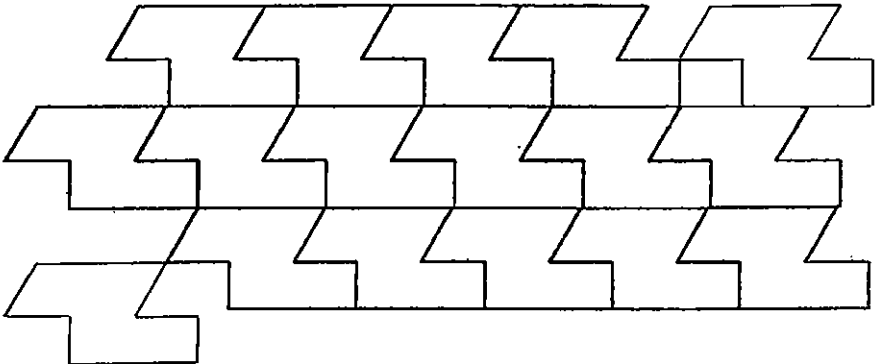
Ans : _____

29) The combined age of Tessa and Kristen is 83 years old. Tessa is 9 years younger than Kristen. What is Kristen's age?

Ans : _____



30) In the tessellation below, the unit shape is . Shade the 2 unit shapes that are tessellated wrongly.



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End of Paper 1



Name : _____ ()

Class : Primary 5 _____



Primary 5 Mathematics

2015 Continual Assessment One

Paper 2

3 March 2015

Paper 1	40
Paper 2	60
Total Marks	100

TOTAL TIME FOR PAPER 2 : 1 HOUR 40 MINUTES

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This booklet consists of 17 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)

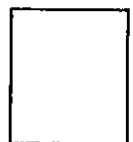
Do not write in this space.

- 1) A school paid \$235.60 for 8 similar balls and 6 similar hula hoops. Each ball cost \$20.45. What is the cost of each hula hoop?

Ans : \$ _____

- 2) Nadia's monthly allowance is \$900. Every month, she spends \$560 and saves the rest. What fraction of her monthly allowance does she save? Leave your answer in the simplest form.

Ans : _____



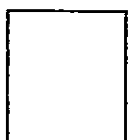
- 3) Every 6 cans of apple juice cost \$5.80. Rudy planned to buy 24 cans of apple juice. She only had \$3.25. How much more money did she need?

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Ans : \$ _____

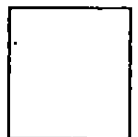
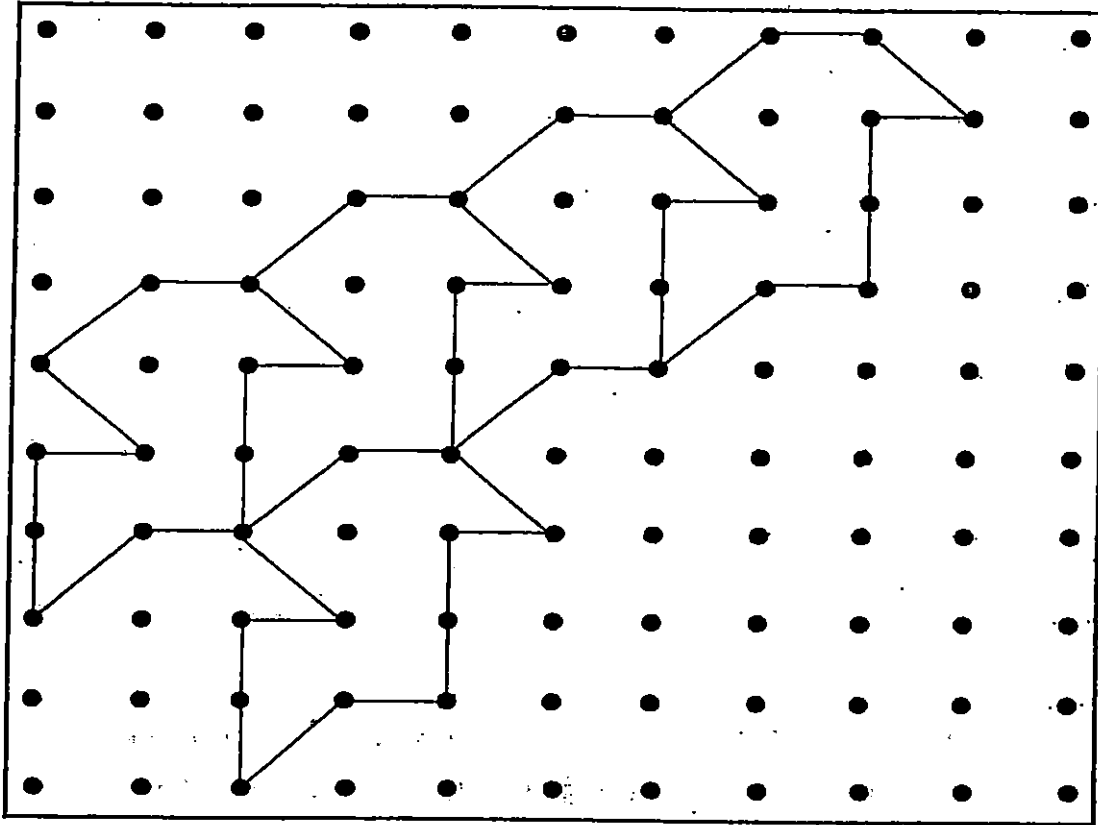
- 4) At Happy Shopping Centre, shoppers would receive a \$20 voucher for every \$150 spent. Mrs Tim spent \$2160 at the shopping centre. What was the total value of the vouchers that she received?

Ans : \$ _____



- 5) The pattern in the box below shows part of a tessellation. Extend the tessellation by drawing two more unit shapes in the space provided in the box.

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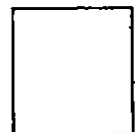


For questions 6 to 18, show your working clearly and write your answers in the spaces provided. The number of marks available is shown in the brackets () at the end of each question or part-question. (50 marks)

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- 6) Jadine sold thrice as many cupcakes as Lancy. Dilly sold half of what Jadine sold. The 3 children sold 4356 cupcakes altogether. How many cupcakes did Jadine and Dilly sell altogether?

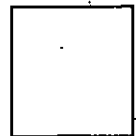
Ans : _____ (3 m)



- 7) Duncan and Brena had the same amount of money. Duncan spent \$19 and Brena spent \$65. Then Duncan had thrice of what Brena had. How much did Duncan have in the end?

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this space.

Ans : _____ (3 m)



8) Cedric read $\frac{4}{9}$ of a book. He finished reading the rest of the book in the next 4 days. He read 55 pages each day in these 4 days. How many pages are there in the book?

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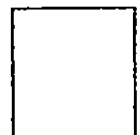
Ans : _____ (3 m)



- 9) At a bakery, Ginny paid \$18.40 altogether for a curry puff and 9 fruit tarts. Shaun paid \$29.80 altogether for a curry puff and 15 fruit tarts. Xinxin bought 5 fruit tarts. How much did Xinxin pay for the 5 fruit tarts?

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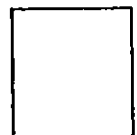
Ans : _____ (3 m)



10) Yixuan cuts a 9-m ribbon into five pieces. Three of the pieces measure 1.46 m each. The 4th piece measures 2.18 m. What is the length of the last piece of ribbon?

Do not write in this space.

Ans : _____ (3 m)



- 11) The table below shows the wages for part-time workers working in a restaurant.

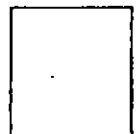
Weekdays	\$5.50 per hour
Weekends	\$7.00 per hour

- a) Anthea worked from Tuesday to Sunday for 4 weeks. She worked 6 hours a day. How much was she paid in all?
- b) Kelly worked 5 hours a day on weekdays only. How many days did she need to work to earn a total of \$1650?

Do not write in this space.

Ans : a) _____ (2 m)

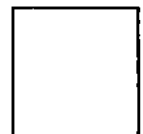
b) _____ (2 m)



- 12) Alisa started spending her pocket money on Monday. On each day, she spent \$0.55 more than the amount spent the day before. She spent a total amount of \$28 from Monday to Friday. Find the amount she spent on Monday.

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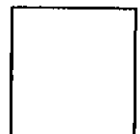
Ans : _____ (4.m)



- 13) Mrs Amos baked 58 more rainbow cakes than cheese cakes to sell at a funfair. After she sold half of the cheese cakes, there were 100 more rainbow cakes than cheese cakes. How many cakes did Mrs Amos bake altogether at first?

Do not
write in
this space.

Ans : _____ (4 m)



14) Joan is 19 years old this year. In 8 years' time, her grandmother will be three times as old as she is. How old was her grandmother 4 years ago?

Do not write in this space.

Ans : _____ (4 m)



- 15) Wilmer Store held a promotion during the Christmas season.

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SPECIAL OFFER!

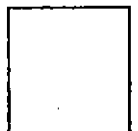
Disney Character T-shirts : 2 for \$11.00

Disney Character Shorts : 5 pairs for \$17.60

- a) Mrs Henson planned to spend \$88 on each type of item. How many more pairs of shorts than T-shirts could she buy?
- b) Mrs Yamato bought 10 T-shirts and 10 pairs of shorts. She gave the cashier \$100. How much change did she receive?

Ans : a) _____ (2 m)

b) _____ (2 m)



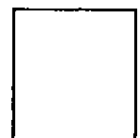
16) A hawker bought some potatoes. He used $\frac{1}{3}$ of the potatoes on Monday, $\frac{1}{6}$ of it on Tuesday and $\frac{2}{9}$ of it on Wednesday. At the end of the three days, he had 420 kg of potatoes left.

- a) How many kg of potatoes did he use altogether on Tuesday and Wednesday?
- b) How many kg of potatoes did the hawker buy at first?

Do not write in this space.

Ans : a) _____ (4 m)

b) _____ (1 m)



17) Adam put a total of 2250 paper cranes into 5 blue bottles and 2 green bottles. The total number of paper cranes in the green bottles was twice of the total number of paper cranes in the blue bottles. There were an equal number of paper cranes in each of the blue bottles. The first green bottle contained 3 times as many paper cranes as the second green bottle.

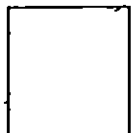
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a) How many paper cranes were there in each blue bottle?

b) How many paper cranes were there in the first green bottle?

Ans : a) _____ (3 m)

b) _____ (2 m)



18) Tania had twice as many game cards as Jovan. Kayden had twice as many game cards as Tania. The 3 children had 357 game cards altogether.

- a) How many game cards did Jovan have?

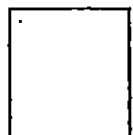
- b) How many game cards must Kayden give to Tania and Jovan separately so that all 3 of them had the same number of game cards?

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Ans : a) _____ (1 m)

b) Tania : _____

Jovan : _____ (4 m)



End of Paper



EXAM PAPER 2015

LEVEL : PRIMARY 5

SCHOOL : CHIJ ST NICHOLAS GIRLS SCHOOL (PRIMARY)

SUBJECT : MATHEMATICS

TERM : CA1

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
4	4	3	3	2	1	4	3	3	2
Q11	Q12	Q13	Q14	Q15					
1	1	2	1	1					

Q16. 11.30 Q17 $5.45\text{km} \rightarrow 9.8 - 4.35 = 5.45$

Q18. $18 \rightarrow 20 \div (6-4) + 8 = 20 \div 2 + 8 = 10 + 8 = 18$

Q19. $\frac{37}{50} \rightarrow 1\text{m} = 100\text{cm}, 100 - 26 = 74, \frac{74}{100} = \frac{37}{50}$

Q20. $\$45 \rightarrow \frac{1}{4} + \frac{1}{3} = \frac{3}{12} + \frac{4}{12} = \frac{7}{12}, 7\text{u} \rightarrow 63, 1\text{u} \rightarrow 63 \div 7 = 9, 1 - \frac{7}{12} = \frac{5}{12}, 5\text{u} \rightarrow 9 \times 5 = 45$

Q21. $\frac{3}{4} \rightarrow \frac{1}{4} = \frac{2}{8}, \frac{4}{8} + \frac{2}{8} = \frac{6}{8} = \frac{3}{4}$

Q22. 18 049 $\rightarrow 18\ 049 \approx 18\ 000$

Q23. $5\frac{7}{8} \rightarrow \frac{47}{8} = 5\frac{7}{8}$

Q24. $603.45 \rightarrow 67.05 \times 9 = 603.45$

Q25. $8 \rightarrow \frac{1}{3} = \frac{5}{15}, 15 - 5 = 10, 10 - 2 = 8$

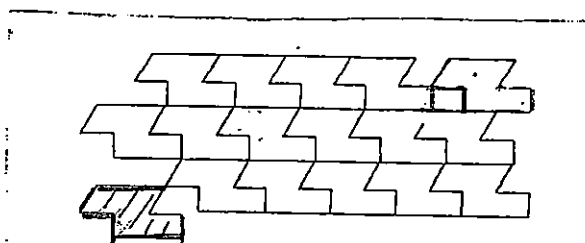
Q26. 92cm $\rightarrow 1\ \text{PIECE} \rightarrow 161 \div 7 = 23, 23 \times 4 = 92$

Q27. $1\frac{3}{10}\text{m} \rightarrow \frac{1}{2} = \frac{5}{10}, \text{Rayna} \rightarrow \frac{9}{10}, \text{Cerys} \rightarrow \frac{9}{10} + \frac{4}{10} = \frac{13}{10} = 1\frac{3}{10}$

Q28. $14 \rightarrow A + B \rightarrow 71, A + C \rightarrow 69, 2A + B + C \rightarrow 69 + 71 = 140, A \rightarrow 140 - 126 = 14$

Q29. $46 \rightarrow T + K \rightarrow 83, 83 - 9 = 75, 74 \div 2 = 37, 37 + 9 = 46$

Q30. SEE PICTURE



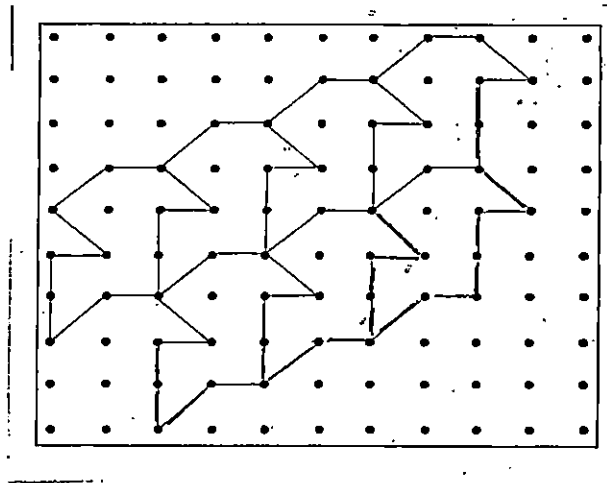
Q1. $\$12 \rightarrow 8B + 6H \ 235.60, 20.45 \times 8 = 163.60, 6H \rightarrow 235.60 - 163.60 = 72,$
 $72 \div 6 = 12$

Q2. $\frac{17}{45} \rightarrow \text{saves} \rightarrow 900 - 560 = 340, \frac{340}{900} = \frac{170}{450} = \frac{85}{225} = \frac{17}{45}$

Q3. $\$19.95 \rightarrow \text{No. of sets} \rightarrow 24 \div 6 = 4, 4 \times 5.80 = 23.20, 23.20 - 3.25 = 19.95$

Q4. $\$280 \rightarrow 2160 \div 150 = 14R60, 14 \times 20 = 280$

Q5. SEE PICTURE



Q6. $3564 \rightarrow 11u \rightarrow 4356, 1u \rightarrow 4356 \div 11 = 396, 6u + 3u = 9u, 9u \rightarrow 396 \times 9 = 3564$

Q7. $\$69 \rightarrow 2u \rightarrow 65 - 19 = 46, 1u \rightarrow 46 \div 2 = 23, 23 \times 3 = 69$

Q8. $396 \rightarrow 9u - 4u = 5u, 5u \rightarrow 55 \times 4 = 220, 1u \rightarrow 220 \div 5 = 44, 44 \times 9 = 396$

Q9. $\$9.50 \rightarrow C + 9F \rightarrow 18.40, C + 15F \rightarrow 29.80, 6F \rightarrow 29.80 - 18.40 = 11.40, 1F \rightarrow 11.40 \div 6 = 1.90, 1.90 \times 5 = 9.50$

Q10. $2.44m \rightarrow 1.46 \times 3 = 4.38, 4.38 + 2.18 = 6.56, 9 - 6.56 = 2.44$

Q11a. $\$864 \rightarrow \text{Tuesday to Friday} : 6 \times \$5.50 = \$33, \$33 \times 4 \text{ days} = \$132, 4 \text{ weeks} :$
 $\$132 \times 4 = \$528, \text{Sat to Sundays} : 6 \times \$7 = \$42, \$42 \times 2 \text{ days} = \$84, 4 \text{ weeks} : \$84 \times 4 =$
 $\$336, \$528 + \$336 = \864

Q11b. $60 \rightarrow 1 \text{ day } 5.50 \times 5 = 27.50, 1650 \div 27.50 = 60$

Q12. $\$4.50 \rightarrow 0.55 \times 10 = \$5.50, \$28 - \$5.50 = \$22.50, \$22.50 \div 5 = \$4.50$

Q13. $226 \rightarrow 1u \rightarrow 100 - 58 = 42$, cheese cakes $\rightarrow 42 \times 2 = 84$, rainbow cakes $\rightarrow 84 + 58 = 142$, total $\rightarrow 142 + 84 = 226$

Q14. $69 \rightarrow 81 - 8 = 73$, $73 - 4 = 69$

Q15a. $9 \rightarrow 88 \div 11 = 8$, T shirt $\rightarrow 8 \times 2 = 16$, $88 \div 17.60 = 5$, $5 \times 5 = 25$, $25 - 16 = 9$

Q15b. $\$9.80 \rightarrow 11 \times 5 = 55$, $17.60 \times 2 = 35.20$, $35.20 + 55 = 90.50$, $100 - 90.50 = 9.50$

Q16a. 588kg Q16b. $1512\text{kg} \rightarrow 6u + 3u + 4u = 13u$, $18u - 13u = 5u$, $1u \rightarrow 420 \div 5 = 84$, $7u \rightarrow 84 \times 7 = 588$, $18u \rightarrow 84 \times 18 = 1512$

Q17a. 150 Q17b. $1125 \rightarrow \text{Total blue} \rightarrow 2250 \div 3 = 750$, Total green $\rightarrow 750 \times 2 = 1500$, 1 blue bottle $\rightarrow 750 \div 5 = 150$, $1500 \div 4 = 375$, $375 \times 3 = 1125$

Q18a. 51 Q18b. Tania : 17 Q18c. Jovan : 68
 $7u \rightarrow 357$, $1u \rightarrow 357 \div 7 = 51$, $51 \div 3 = 17$, $51 + 17 = 68$