

Name: _____ ()

Class : Primary 3 _____

Primary 3 Mathematics
2016 Semestral Assessment Two

Booklet A

25 October 2016

TOTAL TIME FOR BOOKLETS A AND B: 1 HOUR 45 MINUTES

Do not turn over this page until you are told to do so.
Follow all instructions carefully.
Answer all questions.

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



Section A: (20 x 2 marks)

For each question, four options are given. One of the options is the correct answer. Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet. Please use only 2B pencil and SHADE the oval completely.

1. Which of the following numbers has the digit 3 in the tens place?

1) 3901

2) 4320

3) 5073

4) 6830

2. What is 210 more than 7992?

1) 8202

2) 8102

3) 7782

4) 7202

3. $\$400 - \$68.70 =$ _____

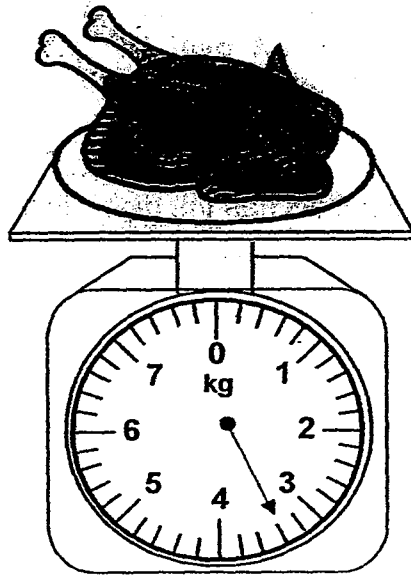
1) \$331.20

2) \$331.30

3) \$332.30

4) \$341.20

4. What is the mass of the turkey?



- 1) 3 kg 20 g
 - 2) 3 kg 40 g
 - 3) 3 kg 200 g
 - 4) 3 kg 400 g
5. What is the missing numerator in the fraction below?

$$\frac{5}{25} = \frac{\boxed{?}}{5}$$

- 1) 1
- 2) 2
- 3) 3
- 4) 4

6. The common factor of two numbers is 8. What are the numbers?
- (1) 4 and 8
 - (2) 20 and 32
 - (3) 34 and 40
 - (4) 48 and 64
7. Siti had 320 stickers. When she arranged them equally onto 7 pages of an album, she did not have enough space for some stickers. How many stickers were not in the album?
- (1) 6
 - (2) 5
 - (3) 3
 - (4) 4
8. A number when rounded off to the nearest hundred is 1800. What is the largest possible number?
- (1) 1769
 - (2) 1799
 - (3) 1849
 - (4) 1869
9. The table below shows incomplete information of pupils from 3 classes who are in the chess club.

Class	Number of pupils
Primary 4A	
Primary 4B	18
Primary 4C	8
Total	40

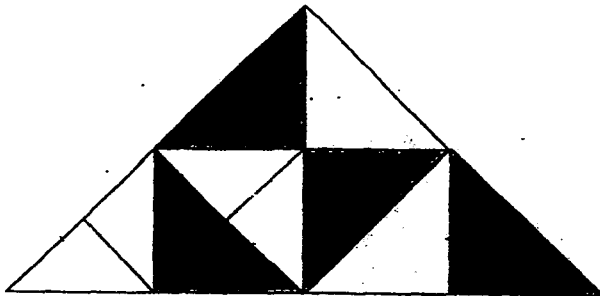
How many more pupils in Primary 4A than Primary 4C are in the chess club?

- (1) 24
- (2) 14
- (3) 10
- (4) 6

10. Jonson wanted to buy a book that cost \$94.75. He had 6 ten-dollar notes and 7 twenty-cent coins. How much was he short of?

- 1) \$20.75
- 2) \$27.55
- 3) \$33.35
- 4) \$34.35

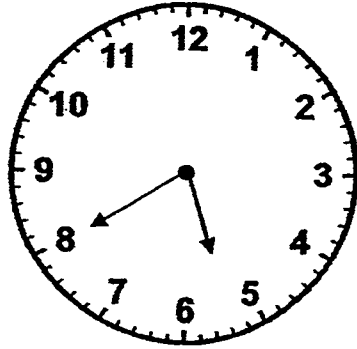
11. Look at the figure below. Dilys wants to shade $\frac{3}{4}$ of the figure. How many more parts must she shade?



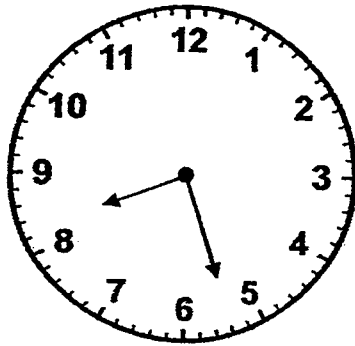
- 1) 12
- 2) 8
- 3) 6
- 4) 4

12. Which one of the following clock faces shows 27 minutes to 8?

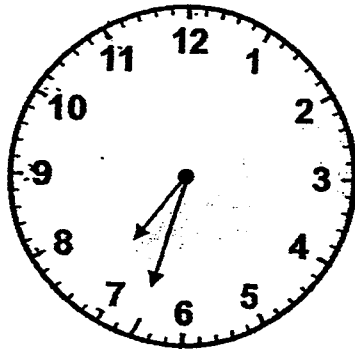
1)



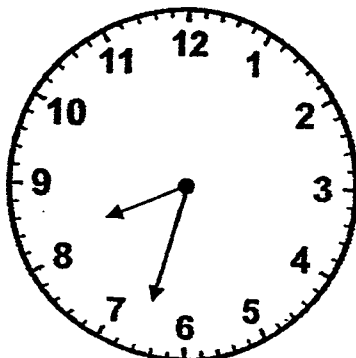
2)



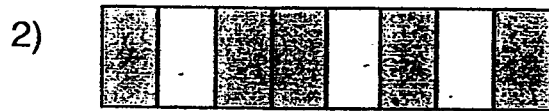
3)



4)



15. Lennon had $\frac{7}{8}$ of a cake. He ate $\frac{1}{4}$ of the cake. Which one of the following unshaded parts shows the fraction of the cake that Lennon had left?



Write down your answers in the spaces provided. For questions which require units, give your answers in the units stated. Show all workings clearly.

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16. Arrange the following numbers in order. Begin with the smallest.

1860	1086	1680	1806
------	------	------	------

Ans : _____ , _____ , _____ , _____
(smallest)

17. What is the missing number in the pattern below?

5260 , 5150 , 5040 , ? , 4820

Ans : _____

18. 7 m 6 cm = _____ cm

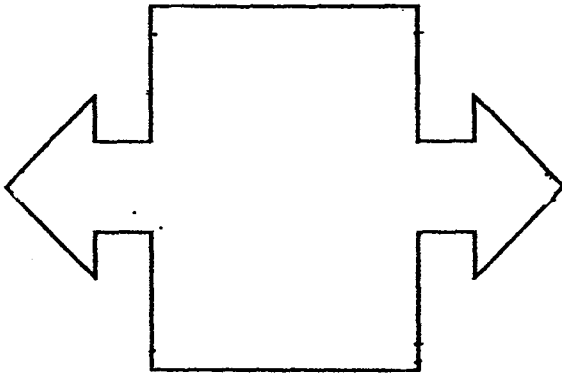
Ans : _____ cm

19. Find the sum of $\frac{1}{3}$ and $\frac{1}{9}$. Leave your answer in the simplest form.

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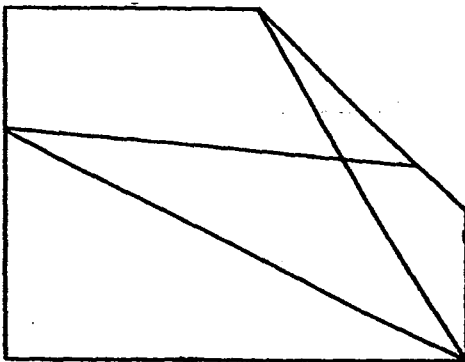
Ans : _____

20. The figure below is not drawn to scale.
How many right angles are there inside the figure?



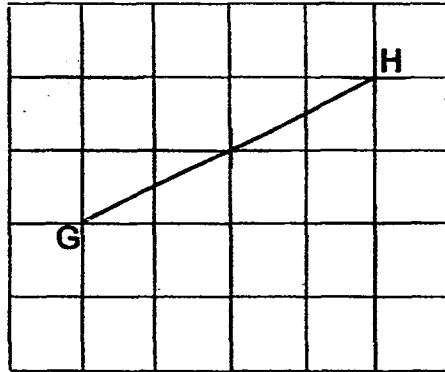
Ans : _____

21. How many pairs of parallel lines are there in the figure below?



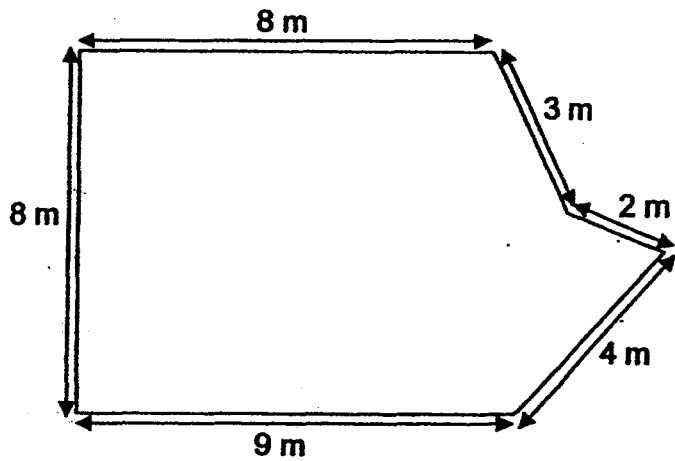
Ans : _____

22. GH is a straight line. Use a set-square to draw a line perpendicular to line GH in the square grid below.



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23. The figure below is not drawn to scale. Find the perimeter of the figure.



Ans : _____ m

24. Henrik has 8 empty plates and some cookies. He puts 7 cookies on each plate. He has 4 cookies left. How many cookies does Henrik have altogether?

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Ans : _____

25. Which one of the fractions is greater than $\frac{4}{5}$?

Ans : _____

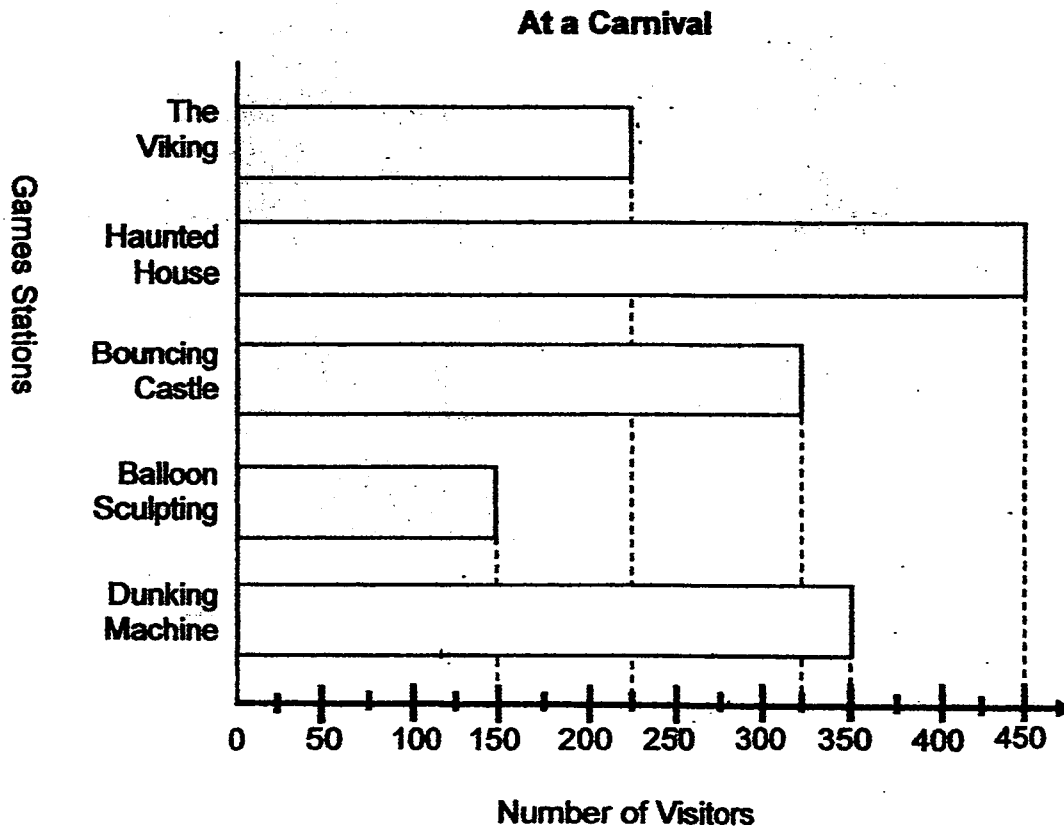
26. Monique was supposed to meet her daughter at 6.35 p.m. at the shopping mall, but she reached the mall 50 minutes earlier. At what time did she arrive at the shopping mall?

Ans: _____ p.m.

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Use the bar graph below to answer questions 27 and 28.

The bar graph shows the number of visitors at the different games stations at a carnival.



27. Which games station has only half the number of visitors as the "Haunted House?"

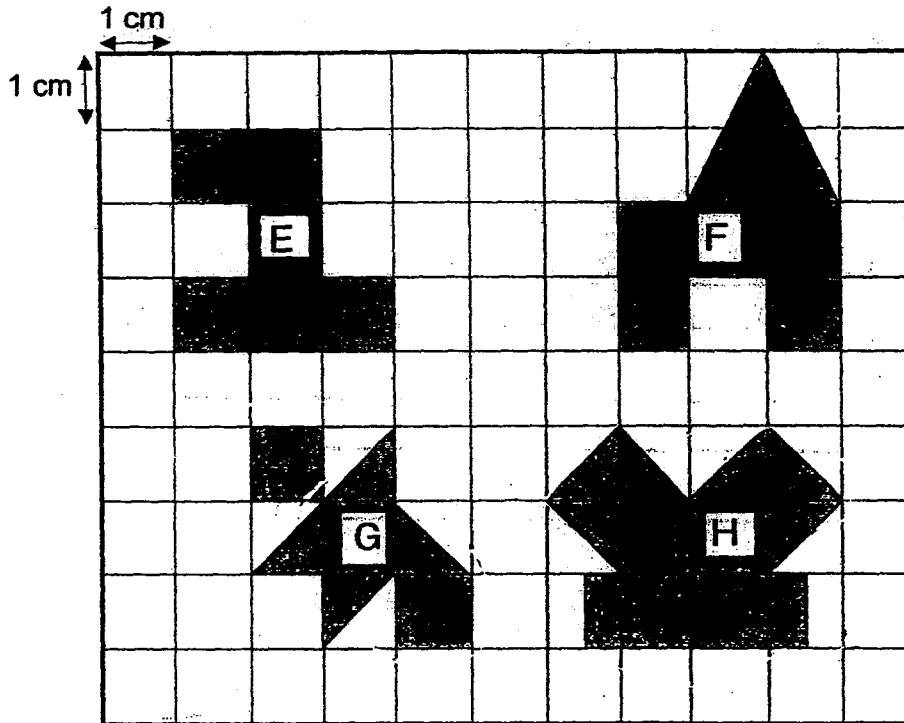
Ans : _____

28. How many visitors were at the "Bouncing Castle" and "Balloon Sculpting" altogether?

Ans : _____

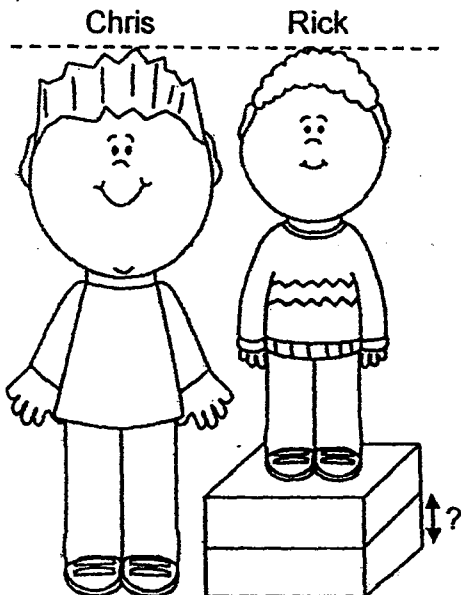
29. Which one of the following figures has the greatest area?

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this space.



Ans : Figure _____

30. Chris is 1 m 67 cm tall. Rick is 1 m 29 cm tall. When Rick stands on two similar wooden boxes, he is as tall as Chris. What is the height of one wooden box?



Ans : _____ cm

Name: _____ ()

Class : Primary 3 _____

Primary 3 Mathematics
2016 Semestral Assessment Two

Booklet B

25 October 2016

Booklet A :	/ 30
Booklet B :	/ 50
Total :	/ 80

Parent's/Guardian's Signature

TOTAL TIME FOR BOOKLETS A AND B: 1 HOUR 45 MINUTES

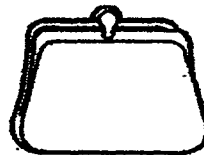
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Answer all questions.

on C: (20 marks)

questions 31 to 36, 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 question or part-question.

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Aiyana bought a handbag and a coin pouch. The handbag costs 5 times as much as the coin pouch. How much more did Aiyana pay for the handbag than the coin pouch?

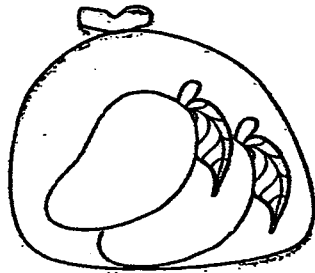


Ans : _____ [3]

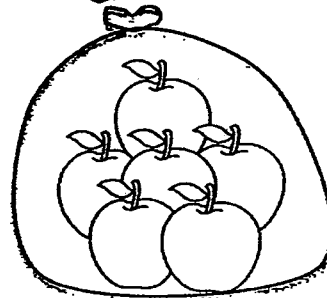
32. At Tian Tian Fruits Stall, mangoes are sold in packets of 2 and apples are sold in packets of 6.

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Each packet of
2 mangoes for \$5



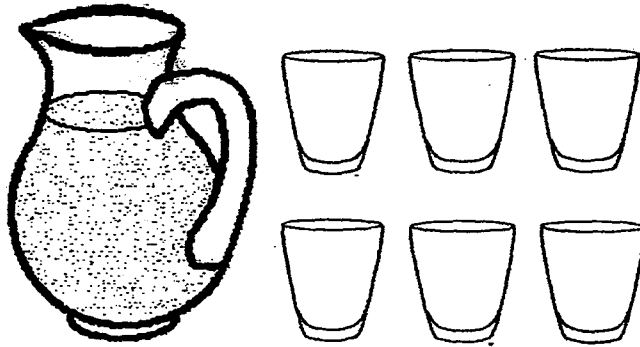
Each packet of
6 apples for \$6.25



Kaila bought 18 mangoes and 6 apples. How much did she pay for the mangoes and the ~~oranges~~ apples altogether?

33. A jug contains 2ℓ of lemonade. Macy poured some lemonade from the jug equally into 6 similar glasses completely. Each glass contained 220 ml of lemonade. How many millilitres of lemonade was left in the jug?

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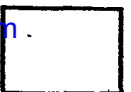
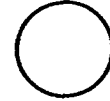
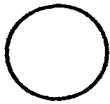


Ans : _____ [3]



34. There were 106 people in a queue for a free ice cream at Deli Cafe. Remesh was the 12th person in the queue. Ted was the 2nd last person in the queue. How many people were there between Remesh and Ted?

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35. Enid and Simone had 138 beads altogether. Nikita had three times as many beads as Simone. Enid had 26 more beads than Nikita. How many beads did Simone have?

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Ans : _____ [4]

36. Tasha finished drawing and painting a picture at 1.15 p.m. She took 45 minutes to draw the picture and 1 h 20 min to paint the same picture.

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- (a) How much time did Tasha spend drawing and painting the picture?
(b) At what time did Tasha start to draw and paint the picture?

Ans : (a) _____ [2]

(b) _____ [2]

ANSWER KEY

YEAR : 2016
LEVEL : PRIMARY 3
SCHOOL : CHIJ ST NICHOLAS GIRLS
SUBJECT : MATHEMATICS
TERM : SA2

Booklet A

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

Booklet B

Q16

Q17

Q18

Q19

Q20

Q21

Q22

Q23

Q24

Q25

Q26

Q27

Q28

Q29

Q30

Q31

$$\begin{aligned} \$510 \div 5 &\rightarrow \$102 \\ \$510 - \$102 &\Rightarrow \underline{\$408 \text{ more}} \end{aligned}$$

Q32

$$\begin{aligned} \text{Mangoes} &\rightarrow 18 \div 2 = 9 \text{ packets} \times \$5 \rightarrow \$45 \\ \text{Apples} &\rightarrow 1 \text{ packet} \times \$6.25 \\ \text{Total} &\rightarrow \$45 + \$6.25 \Rightarrow \underline{\$51.25} \end{aligned}$$

Q33

$$\begin{aligned} 220 \times 6 &\rightarrow 1320 \\ 2000 - 1320 &\Rightarrow \underline{680 \text{ ml left}} \end{aligned}$$

Q34

$$\begin{aligned} 105 - 12 &\rightarrow 93 \\ 93 - 1 &\Rightarrow \underline{92 \text{ people}} \end{aligned}$$

Q35

$$\begin{aligned} 138 - 26 &\rightarrow 112 \\ 112 \div 4 &\Rightarrow \underline{28 \text{ beads}} \end{aligned}$$

Q36

$$\begin{aligned} \text{(a)} \quad 1\text{h } 20\text{min} + 40\text{min} &\rightarrow 2\text{h} \\ 2\text{h} + 5\text{min} &\Rightarrow \underline{2\text{h } 5\text{min}} \end{aligned}$$

$$\begin{array}{r} \text{(b)} \quad \begin{array}{|c|c|c|c|} \hline & 5\text{min} & & 2\text{h} \\ \hline 11.10 & 11.15 & & 1.15 \\ \hline \end{array} \\ \text{Tasha started at } \underline{11.10 \text{ am.}} \end{array}$$

Booklet B

Q16. 1086, 1680, 1806, 1860 Q17. 4930 Q18. 706cm

Q19. 4/9 Q20. 6 Q21. 2

Q22.



Q23. $8+8+9+4+3+2=34m$

Q24. $8 \times 7 = 56$
 $56 + 4 = 60$

Q25. 5/6

Q26. 5.45 p.m.

Q27. The Viking (225)

Q28. $325 + 150 = 475$

Q29. H

Q30. 167-129
 $38 \div 2 = 19cm$

