

Name: \_\_\_\_\_ ( )

Class : Primary 3 \_\_\_\_\_

**CHIJ ST NICHOLAS GIRLS' SCHOOL (PRIMARY)**



**Primary 3 Mathematics**

**2015 Semestral Assessment Two**

**Booklet A**

**27 October 2015**

**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 7 printed pages including the cover pages.

**Section A: (15 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. In 7238, the digit 2 stands for \_\_\_\_\_.

- 1) 2 tens
- 2) 2 thousands
- 3) 20 tens
- 4) 20 hundreds

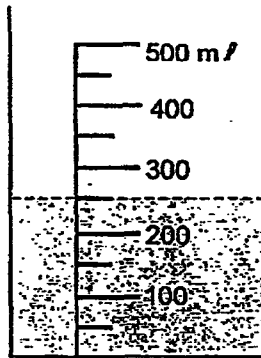
2. Find the sum of 1987 and 2038.

- 1) 3025
- 2) 3935
- 3) 4015
- 4) 4025

3. 10 m 5 cm = \_\_\_\_\_ cm

- 1) 105
- 2) 150
- 3) 1005
- 4) 1500

4. What is the volume of the water in the container below?



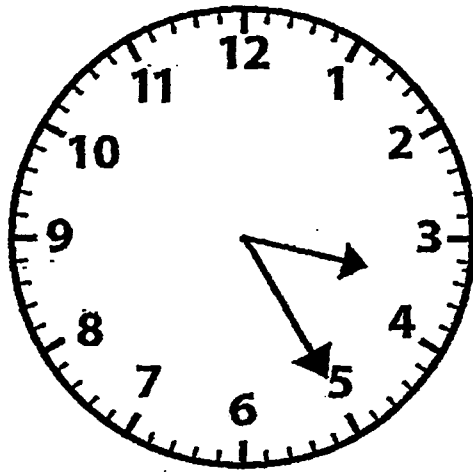
- 1) 200 ml
- 2) 210 ml
- 3) 250 ml
- 4) 290 ml

5. What is the missing numerator?

$$\frac{2}{3} = \frac{\square}{12}$$

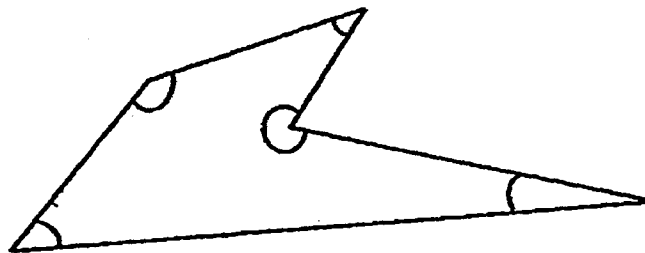
- 1) 2
- 2) 4
- 3) 6
- 4) 8

6. What is the time shown on the clock?



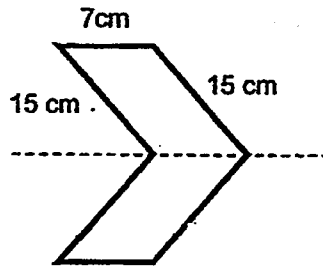
- 1) 25 minutes past 3
- 2) 25 minutes to 3
- 3) 17 minutes past 5
- 4) 3 minutes past 5

7. How many angles, inside the figure are smaller than a right angle?



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

8. The figure below is made up of 2 identical shapes. Find the perimeter of the figure.



- 1) 22 cm  
2) 60 cm  
3) 74 cm  
4) 81 cm
9. Elise had 238 beads. Hui Min had 482 more beads than Elise. John had 128 fewer beads than Hui Min. How many beads did John have?
- 1) 354  
2) 592  
3) 720  
4) 848
10. Jane bought some cookies. When she packed them into bags of 6, she had no cookies left. When she packed them into bags of 7, she also had none left. How many cookies did she buy?
- 1) 72  
2) 84  
3) 96  
4) 105

11. David had \$10. He used 7 fifty-cent coins, 3 twenty-cent coins and 7 ten-cent coins to buy a toy car. How much did he have left?

1) \$1.30

2) \$4.10

3) \$4.80

4) \$5.20

12. Joanne and Sally shared a cake for tea. Joanne ate  $\frac{1}{8}$  of the cake while Sally ate  $\frac{3}{4}$  of it. What fraction of the cake was left?

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

2)  $\frac{3}{4}$

3)  $\frac{4}{8}$

4)  $\frac{7}{8}$

13. A movie started at 2.45 p.m. It ended at 4.30 p.m. How long did the movie last?

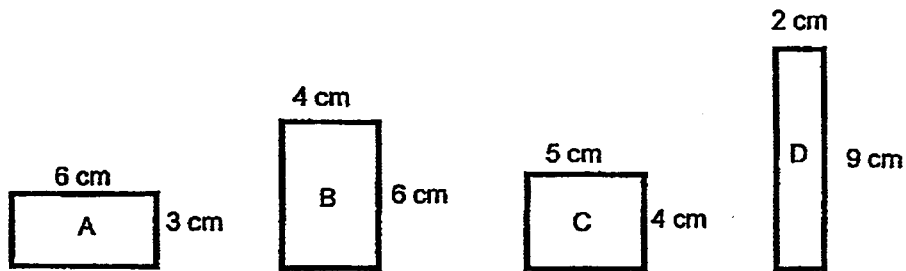
1) 1 h 25 min

2) 1 h 45 min

3) 2 h 15 min

4) 2 h 45 min

14. Which of the 2 figures below have the same area?



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

15. Alex's watch was accurate at 1 p.m. At 2 p.m., the watch slowed down by 4 minutes. At 3 p.m., the watch slowed down by another 4 minutes. What was the time shown on his watch at 3p.m.?

- 1) 2.52 p.m.
- 2) 2.56 p.m.
- 3) 3.04 p.m.
- 4) 3.08 p.m.

Name: \_\_\_\_\_ ( )

Class : Primary 3: \_\_\_\_\_

**CHIJ ST NICHOLAS GIRLS' SCHOOL (PRIMARY)**



**Primary 3 Mathematics**

**2015 Semestral Assessment Two**

**Booklet B**

**27 October 2015**

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

\_\_\_\_\_  
Parent's/Guardian's Signature

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

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

This booklet consists of 12 printed pages including the cover page.



**Section B: (15 x 2 marks)**

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. Complete the following number pattern.

3201, 3101, 2901, ? 2201

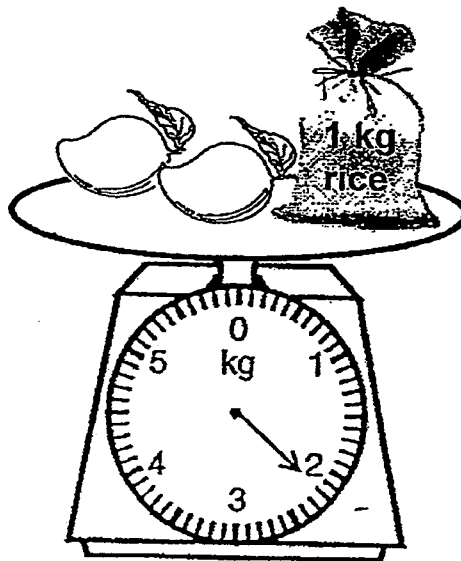
Ans : \_\_\_\_\_

17. Find the difference between the largest 4-digit odd number and the smallest 4-digit even number.

4 7 0 3

Ans : \_\_\_\_\_

18. The figure below shows the total mass of 2 similar mangoes and a packet of rice. What is the mass of a mango?



Ans : \_\_\_\_\_ g



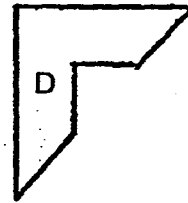
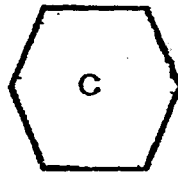
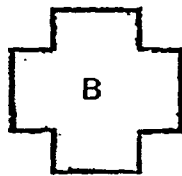
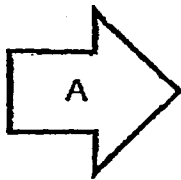
19. Arrange the fractions in order. Begin with the greatest.

$$\frac{7}{12} \quad \frac{2}{3} \quad \frac{5}{6}$$

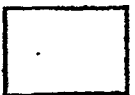
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Ans: \_\_\_\_\_

20. Which of the following figures does not have any right angles?

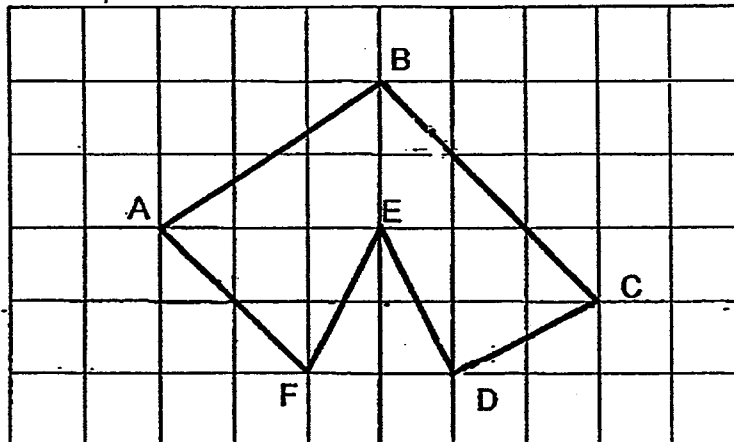


Ans: Figure \_\_\_\_\_



Study the figure below carefully and answer questions 21 and 22.

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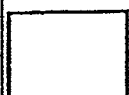
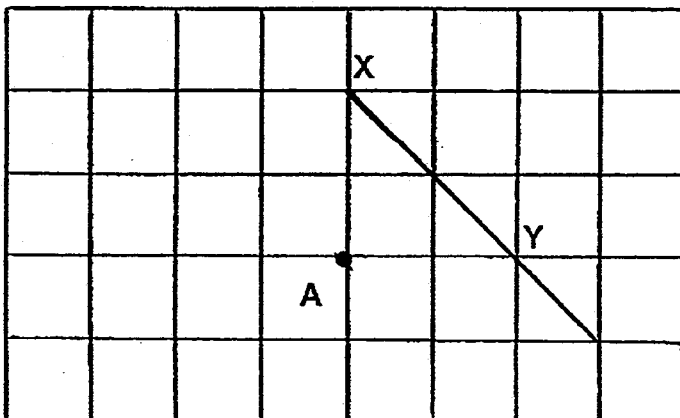
21. Name a pair of parallel lines.

Ans : \_\_\_\_\_ // \_\_\_\_\_

22. Name a pair of perpendicular lines.

Ans : \_\_\_\_\_ ⊥ \_\_\_\_\_

23. In the grid below, draw a straight line that passes through point A and is parallel to line XY.

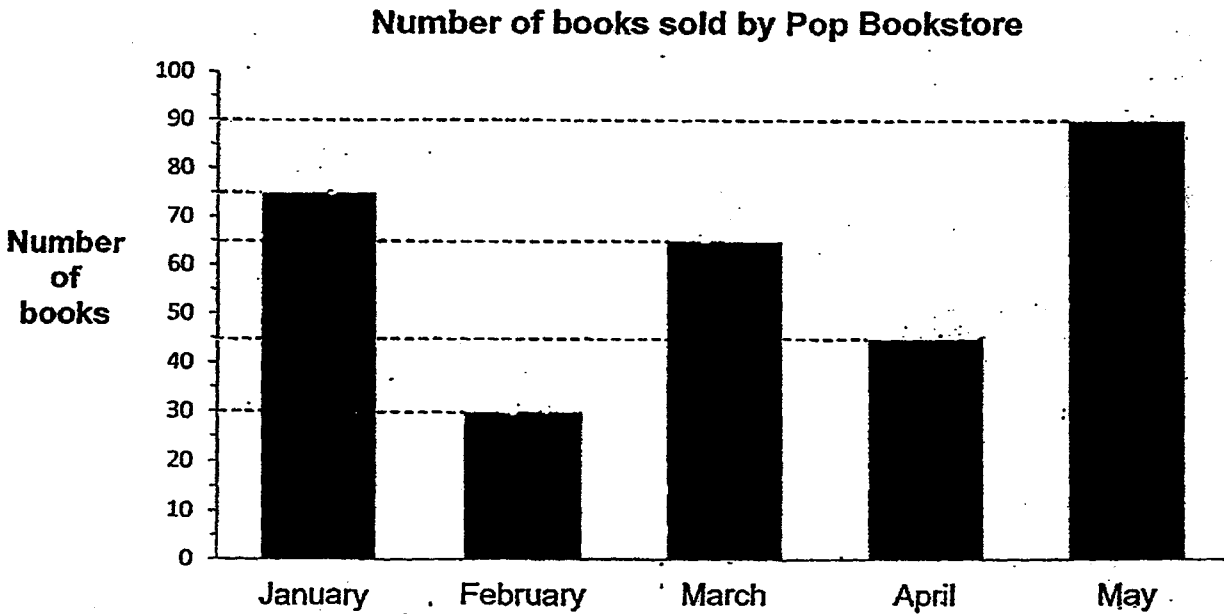


24. Emily baked 151 tarts. She kept 15 tarts for herself. Then she gave the remaining tarts to her friends. Each of her friends received 8 tarts. How many friends did Emily give the tarts to?

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Ans : \_\_\_\_\_

The bar graph below shows the number of books sold by Pop Bookstore over 5 months. Study the graph carefully and use it to answer questions 25 and 26.



25. How many more books were sold in May than in April?

Ans : \_\_\_\_\_

26. How many books were sold altogether from January to March?

Ans : \_\_\_\_\_



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27. Geraldine bought some flour. She used  $\frac{1}{5}$  of the flour to make brownies,  $\frac{1}{10}$  of it to make cookies and  $\frac{1}{2}$  of it to make muffins. What fraction of the flour did Geraldine use altogether? Leave your answer in the simplest form.

Ans : \_\_\_\_\_

28. A chef took 25 minutes to cook a dish. He cooked 3 dishes continuously without taking a break. He stopped cooking at 12.30 p.m. What time did he start cooking?

Ans : \_\_\_\_\_ a.m.

29. The length of a rectangular garden is twice of its breadth. The length of the garden is 18 m. what is the area of the garden?

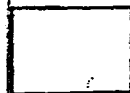
Ans : \_\_\_\_\_ m<sup>2</sup>



30. The mass of a box of 5 markers was 650 g. The mass of each marker was 30 g.  
What was the mass of the empty box?

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Ans : \_\_\_\_\_ g



**Section C: (20 marks)**

For 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 each question or part-question.

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31. Joseph and Melissa had 336 cards. Melissa had twice as many cards as Joseph. How many cards should Melissa give to Joseph so that both of them will have the same number of cards?

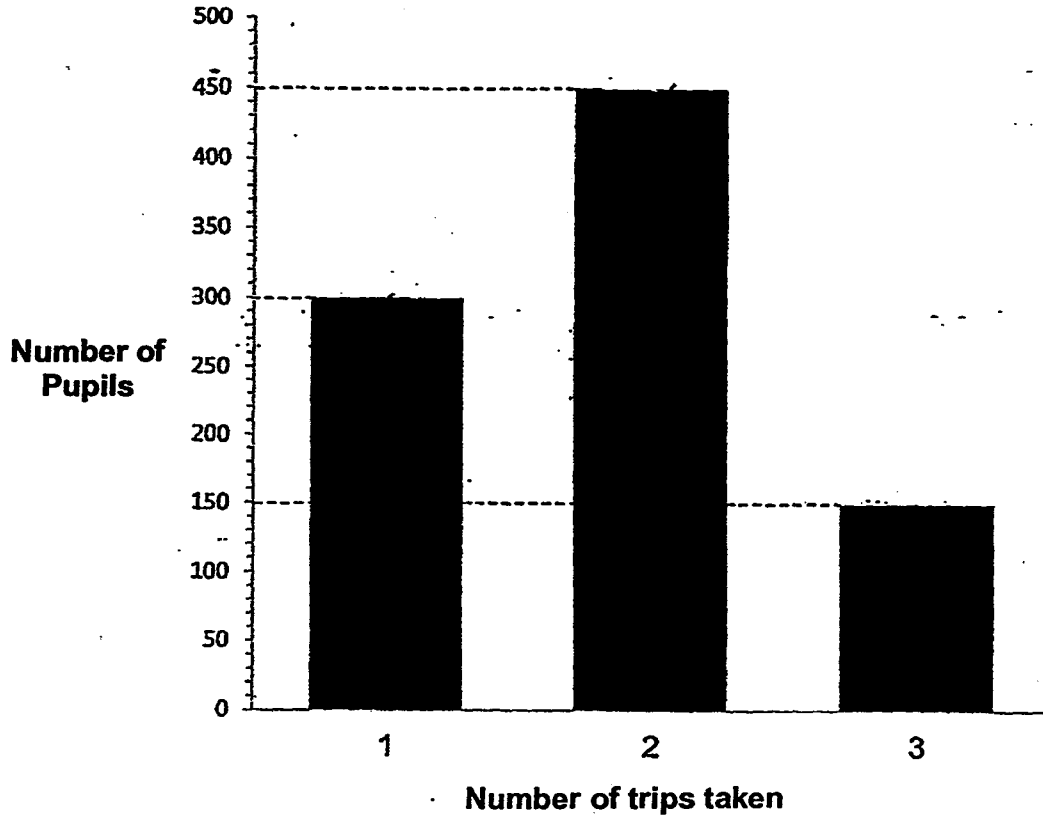
Ans : \_\_\_\_\_ [ 3 ]

32. John had \$80. He bought a calculator and a book. The calculator cost \$20.50. John had \$34.70 left. How much did the book cost?

Ans : \_\_\_\_\_ [ 3 ]



33. The graph below shows the number of overseas trips taken by all the pupils in a school in a year.



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- a) How many pupils are there in the school?  
b) What is the total number of trips taken by all the pupils in a year?

Ans : (a) \_\_\_\_\_ [1]

(b) \_\_\_\_\_ [2]





34. Susan used 5 glasses of water to fill a bottle. 2 such bottles of water can fill a jug. Each glass can hold 40 mL of water. What is the capacity of the jug?

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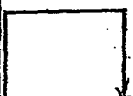
Ans : \_\_\_\_\_ [3]



35. Sophia had 42 fewer stickers than Elsa. Anna had thrice as many stickers as Elsa. The 3 girls had a total of 543 stickers. How many stickers did Elsa have?

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Ans : \_\_\_\_\_ [4]

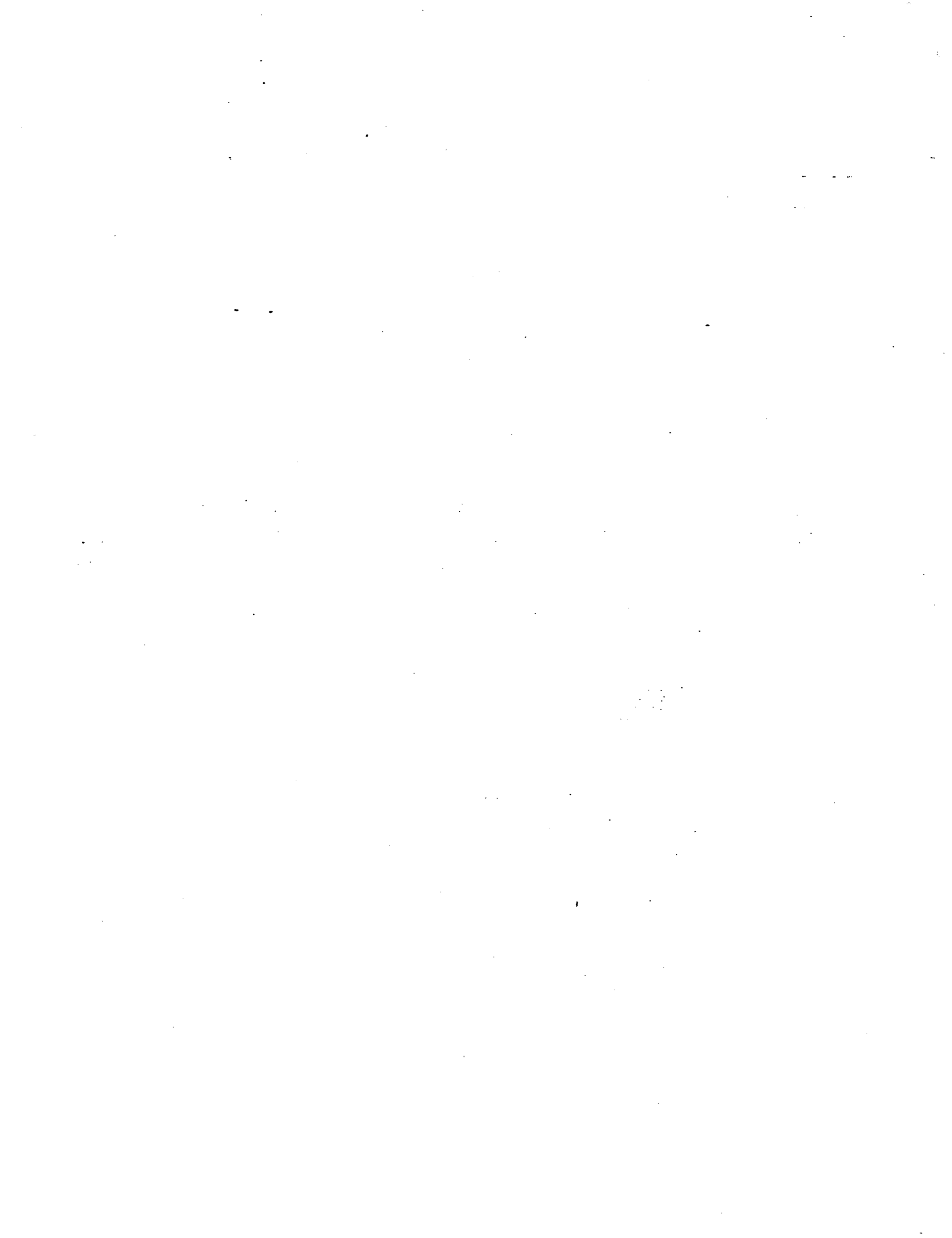


36. There are 50 ducks and goats in a farm. There are a total of 146 legs. How many goats are there? (Note: A duck has 2 legs and a goat has 4 legs)

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Ans: \_\_\_\_\_ [4]

**\*\*END OF PAPER\*\***



**EXAM PAPER 2015**

**SCHOOL : CHIJ**

**SUBJECT : P3 MATHEMATICS**

**TERM : SA2**

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

**16)  $2901 - 300 = 2601$**

**$2601 - 400 = 2201$**

**Ans: 2601**

**17)  $7403 - 3074 = 4329$**

**Ans: 4329**

**18)  $2200 - 1000 = 1200$**

**$1200 \div 2 = 600$**

**Ans: 600g**

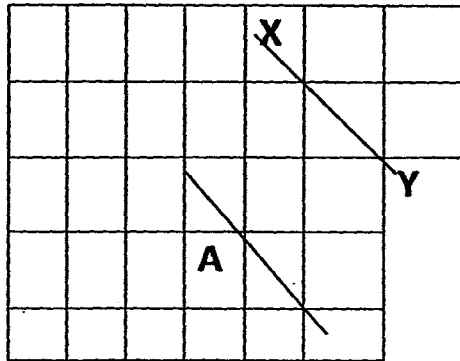
**19) Ans:  $5/6, 2/3, 7/12$**

20) Ans: Figure C

21) Ans:  $AF \parallel BC$

22) Ans:  $ED \perp DC$

23)



24)  $151 - 15 = 136$

$$136 \div 8 = 17$$

Ans: 17

25)  $90 - 45 = 45$

Ans: 45

26)  $75 + 30 + 65 = 170$

Ans: 170

27)  $2/10 + 5/10 + 1/10 = 8/10$

$$8/10 = 4/5$$

Ans:  $4/5$

**28)  $25 \times 3 = 75$**

**$75 \text{ min} = 60 \text{ min} + 15 \text{ min} = 1 \text{ hour } 15 \text{ min}$**

**Ans: 11:15 a.m**

**29)  $18 \div 2 = 9$**

**$18 \times 9 = 162$**

**Ans: 162 m<sub>2</sub>**

**30)  $30 \times 5 = 150$**

**$650 - 150 = 500$**

**Ans: 500g**

**31)  $336 \div 6 = 56$**

**Ans: 56**

**32)  $\$80.00 - \$20.50 - \$34.70 = \$24.80$**

**Ans: \$24.80**

**33)a)  $300 + 450 + 150 = 900$**

**Ans: 900 pupils**

**33)b)  $300 \times 1 = 300$**

**$450 \times 2 = 900$**

**$150 \times 3 = 450$**

**$300 + 900 + 450 = 1650$**

**Ans: 1650**

**34)  $40 \times 10 = 400$**

**Ans: 400 ml**

**35)  $543 + 42 = 585$**

**$585 \div 5 = 117$**

**Ans: 117 stickers**

**36)  $50 \times 2 = 100$**

**$146 - 100 = 46$**

**$4 - 2 = 2$**

**$46 \div 2 = 23$**

**Ans: 23 goats**