# Catholic High School
# End-of-Year Examination 2010
# Mathematics
# Primary 2

Name : _____ (  )

Class: Primary 2_____

Date: 26 October 2010

Duration: 1 h 15 min

| | |
|---|---|
| Section A | 40 |
| Section B | 40 |
| Section C | 20 |
| Total | 100 |

Parent's signature: _____

There are 3 sections consisting of 19 pages in this paper.

| | |
|---|---|
| Section A: Multiple-Choice Questions (MCQ) | 20 x 2 marks |
| Section B: Open-Ended Questions | 20 x 2 marks |
| Section C: Story Sums | 5 x 4 marks |

**Section A (20 x 2 marks)**
**Choose the correct answer and write the number 1, 2, 3 or 4 in the brackets.**

1. In 907, the digit 9 stands for _____.

   (1) 9 ones
   (2) 9 tens
   (3) 9 hundreds
   (4) 90 hundreds

   ( )

2. 5 groups of 10 is the same as _____.

   (1) 5 x 5 x 5 x 5 x 5
   (2) 5 + 5 + 5 + 5 + 5
   (3) 10 x 10 x 10 x 10 x 10
   (4) 10 + 10 + 10 + 10 + 10

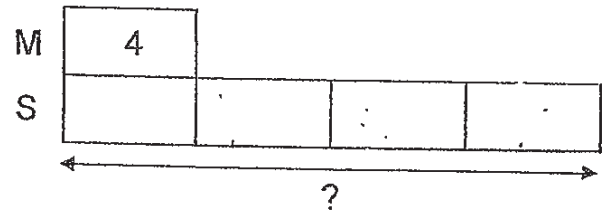
   ( )

3. 24 sweets can be shared equally among 6 boys.
   How many sweets will each boy get?

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

   ( )

4. Maryann has 4 story books. Sue has 4 times as many story books as Maryann. How many story books does Sue have?




   (1) 16
   (2) 12
   (3) 8
   (4) 4

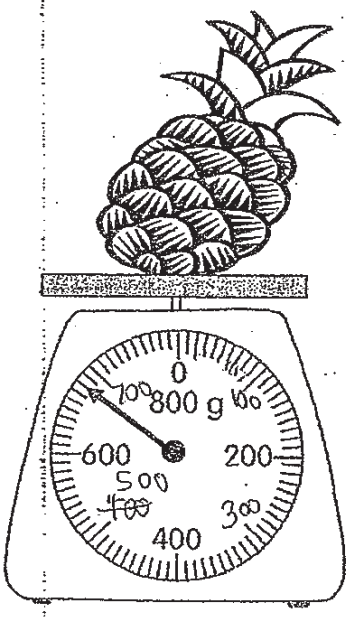
   ( )

5. I am about _____ tall.

(1) 1 m
(2) 1 cm
(3) 10 cm
(4) 10 m

( )

6.




Find the mass of the pineapple on the weighing scale.

(1) 640 g
(2) 680 g
(3) 690 g
(4) 720 g

( )

7. 100¢ can also be written as _____.

(1) $0.10
(2) $1.00
(3) $10.00
(4) $100.00

( )

8. Which of the following fractions is the largest?

(1) $\frac{7}{8}$

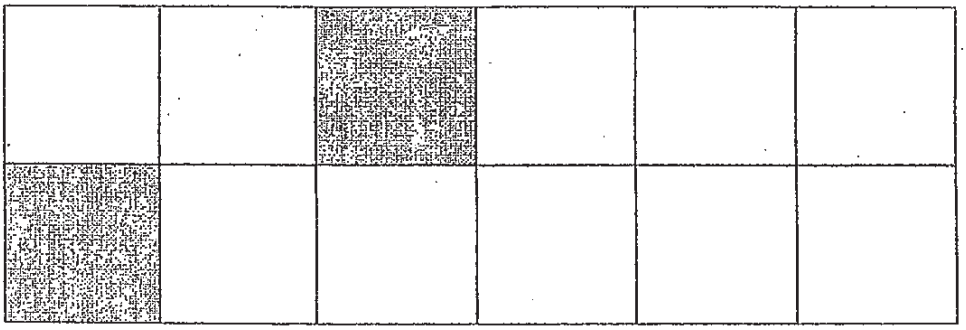
(2) $\frac{6}{8}$

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

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

( )

9. How many more squares must be shaded so that $\frac{1}{2}$ of the figure is shaded?



(1) 1
(2) 2
(3) 3
(4) 4

( )

10. 309 can be written as _____.

(1) 3 ones + 9 ones
(2) 3 tens + 9 ones
(3) 30 ones + 9 ones
(4) 30 tens + 9 ones

( )

11. Find the sum of 654 and 123.

(1) 530
(2) 531
(3) 777
(4) 778 ( )

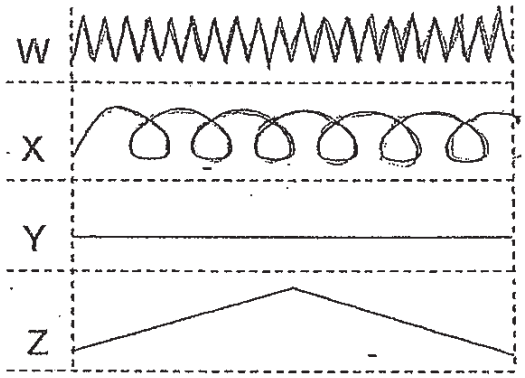
12. 4 x 3 = _____ x 2

(1) 7
(2) 6
(3) 3
(4) 4 ( )

13. Rachel packs 4 muffins and 2 sandwiches into each box. She has already packed 20 muffins. How many sandwiches will she need to pack?

(1) 26
(2) 20
(3) 10
(4) 5 ( )

14. Study the diagrams carefully.




Which of the following has the shortest length?

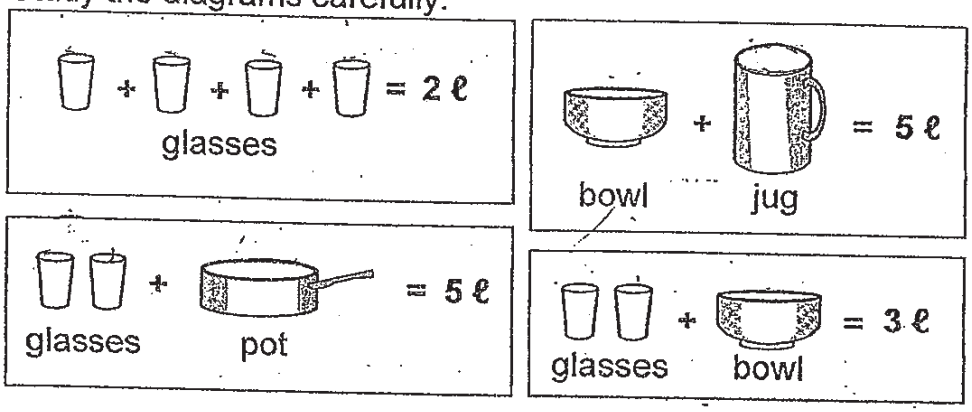
(1) W
(2) X
(3) Y
(4) Z ( )

15. Jenny bought a dress for $42. She received a change of $8. How much money did Jenny have at first?

(1) $40
(2) $50
(3) $34
(4) $44

( )

16. Study the diagrams carefully.




Which container can hold the most amount of water?

(1) pot
(2) jug
(3) bowl
(4) glass

( )

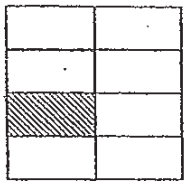
17. The table below shows the prices of 5 items.

| Items | Price |
|---|---|
| toy | $38 |
| bag | $22 |
| tennis racket | $45 |
| story book | $17 |
| cap | $34 |

Dad gave Tom $100 on his birthday. Tom wants to spend **all** his money on 3 items. What are the 3 items Tom will buy?

(1) toy, bag, tennis racket
(2) bag, tennis racket, cap
(3) toy, tennis racket, story book
(4) bag, tennis racket, story book

( )

18. 
Figure A

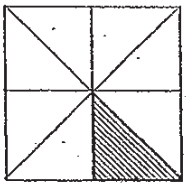


Figure B

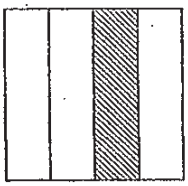


Figure C

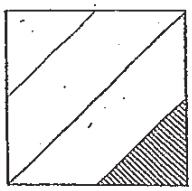


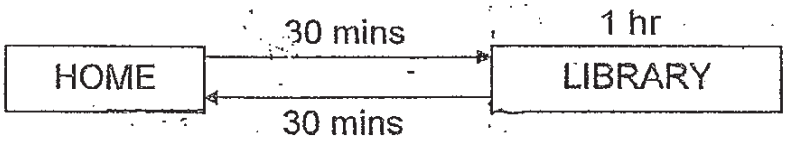
Figure D

Which figure above shows $\frac{1}{4}$ of its shape shaded?

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

( )

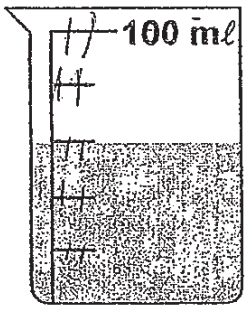
19. From home, Jack took 30 minutes to walk to the library. After staying at the library for an hour, he walked home. He reached home at 12.30 p.m. What time did Jack go to the library?




(1) 8.30 a.m.
(2) 9.30 a.m.
(3) 10.30 a.m.
(4) 11.30 a.m.

( )

20. The beaker below is filled with some water. How much more water is needed to fill the beaker to 100 mℓ?




(1) 10 mℓ
(2) 20 mℓ
(3) 30 mℓ
(4) 40 mℓ

( )



PLEASE TURN OVER TO THE NEXT PAGE

**Section B (20 x 2 marks)**
**Do the following questions.**

21. Find the difference between 795 and 1000.

Ans: _____

22. Abel and Billy share 200 marbles equally. Billy lost 75 marbles. How many marbles does Billy have left?

Ans: _____ marbles

23. Arrange the following fractions in order.
Start with the greatest fraction.

$\frac{5}{13}$ , $\frac{5}{7}$ , $\frac{5}{9}$

Ans: _____ , _____ , _____
(greatest)

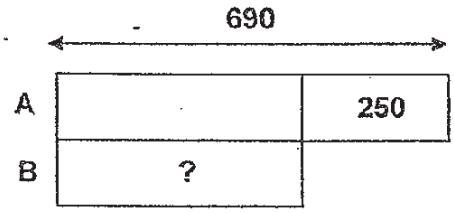
24. Fill in the boxes to complete the sum.

$$\begin{array}{rccc} & 7 & 3 & \boxed{A} \\ - & \boxed{B} & 5 & 7 \\ \hline & 2 & 7 & 9 \\ \hline \end{array}$$

Ans: A : _____

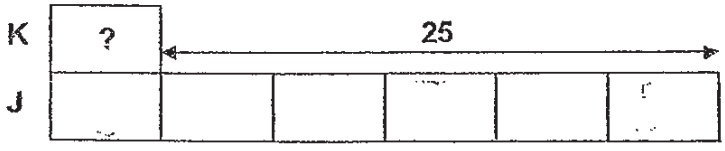
B : _____

25. Ariel has 690 beads. Beth has 250 beads less than Ariel. How many beads does Beth have?



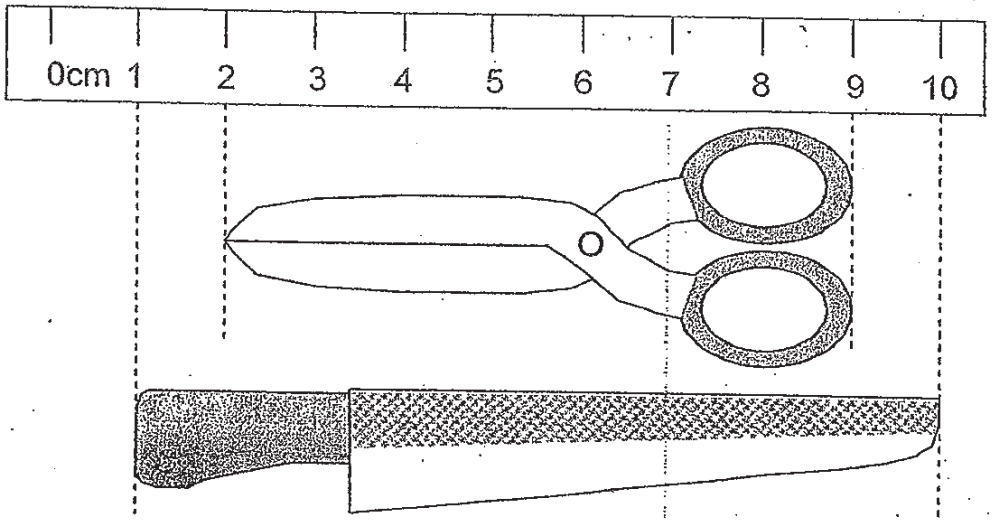

Ans: _____ beads

26. Jill has six times as many pears as Kim. If Jill has 25 more pears than Kim, how many pears does Kim have?




Ans: _____ pears

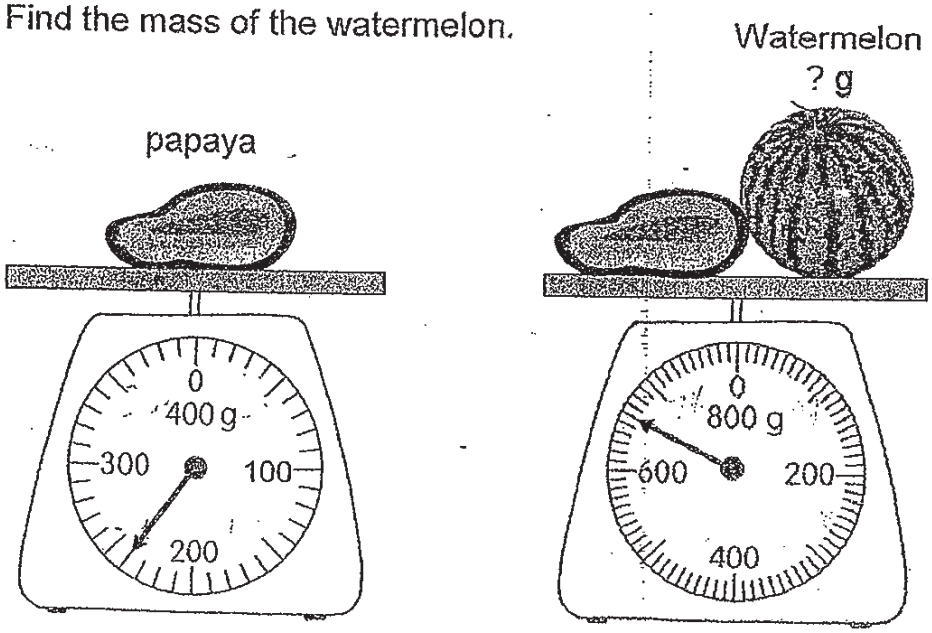
27.




The knife is longer than the scissors by _____ cm.

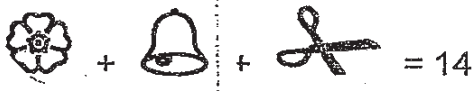
Ans: _____ cm

28. Find the mass of the watermelon.




Ans: _____ g

29. Study the diagrams carefully.



What is the value of ?

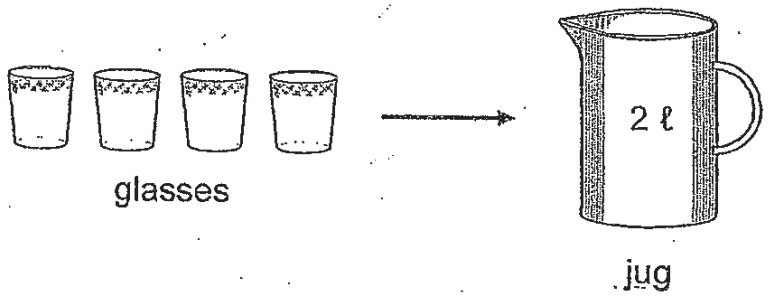
Ans: _____

30. After lunch, Shawn started watching TV from the time shown on clock face A. He stopped watching TV an hour later. What time did Shawn stop watching TV?

Clock face A

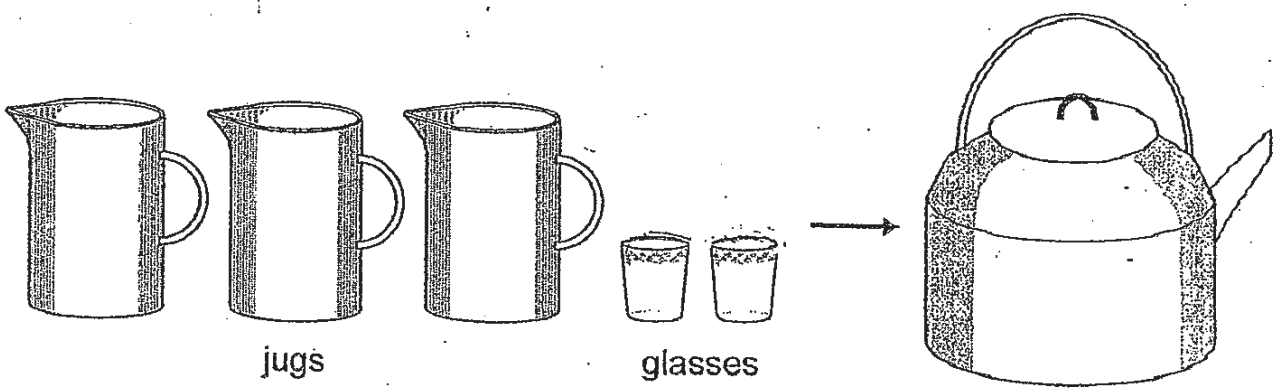
Ans: _____ p.m.

31. 4 glasses of water fill up a jug. 3 jugs and 2 glasses of water fill up a kettle. How many litres of water can fill up a kettle?




glasses

jug



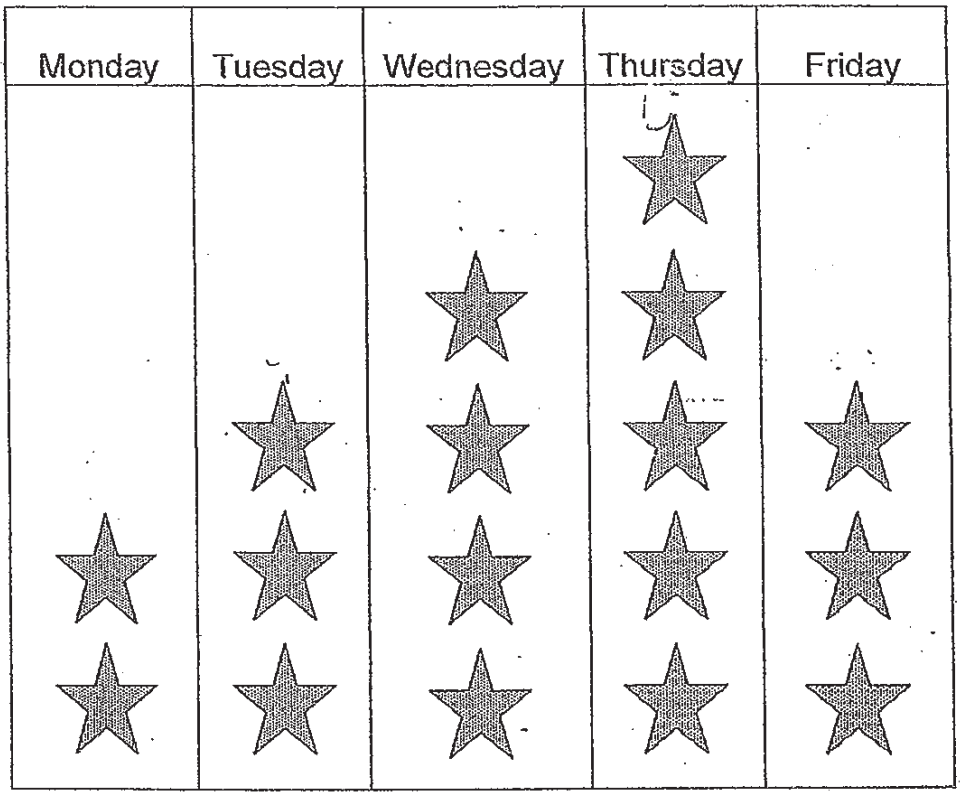
jugs

glasses

kettle

Ans: _____ litres

32. The picture graph below shows the number of cans of juice sold from Monday to Friday in a mini-mart.

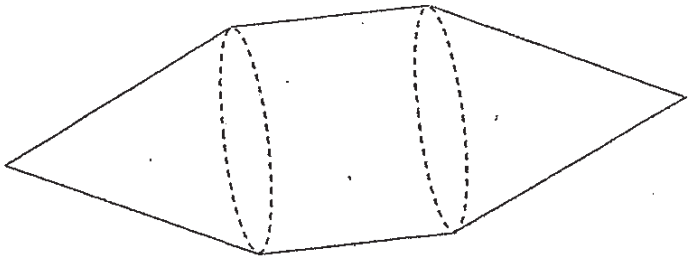



Each ★ represents 3 cans of juice.

The mini-mart sold 9 more cans of juice on _____ than on Monday.

Ans: _____

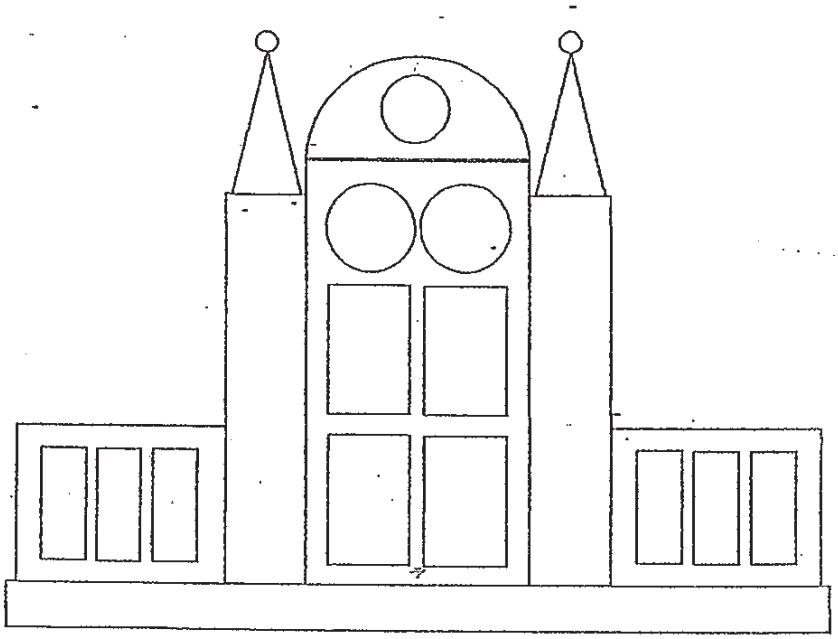
33. Look at the figure below carefully.



How many curved surface(s) is/are there in the figure?

Ans: _____ curved surface(s)

34. Look at the figure below carefully.



How many rectangle(s) is/are there in the figure?

Ans: _____ rectangle(s)

35. | 5 | | 2 | | 9 |

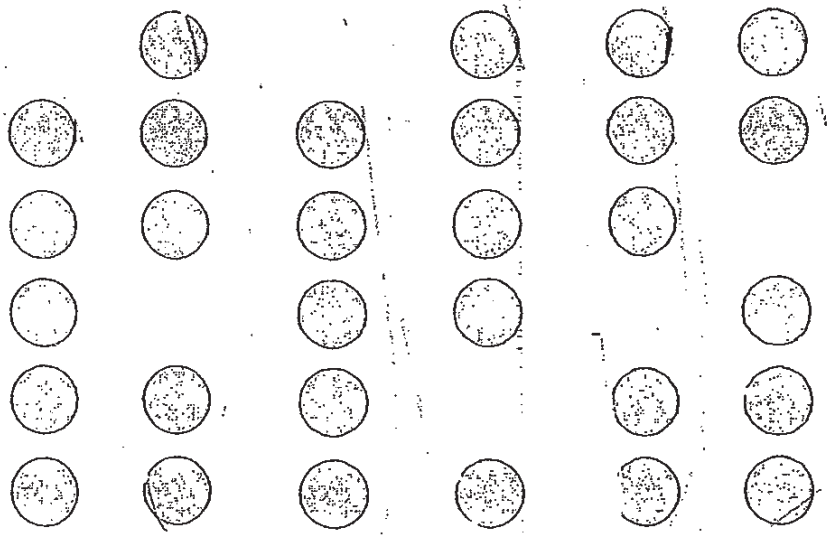
Using the 3 digits above, form the smallest and largest 3 digit numbers. Find their difference.

Ans: _____

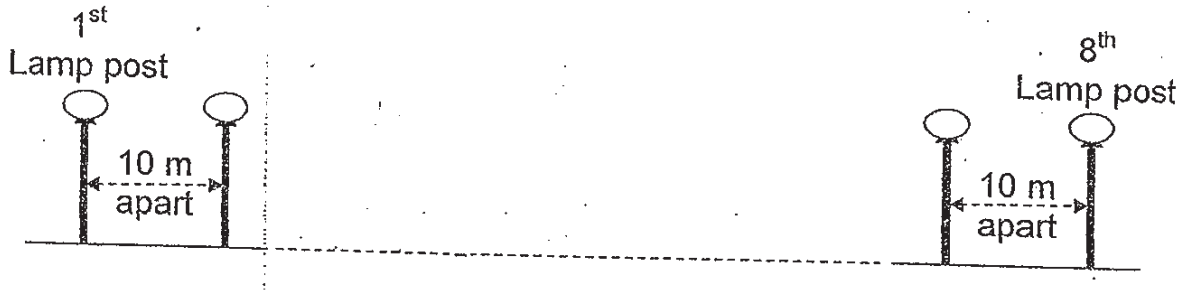
36. George eats 3 sweets a day.
How many sweets will he eat in 1 week?

Ans: _____ sweets

37. 6 friends share some marbles. Group the number of marbles so that each friend will get an equal number of marbles. Circle the number of marbles each friend will get.

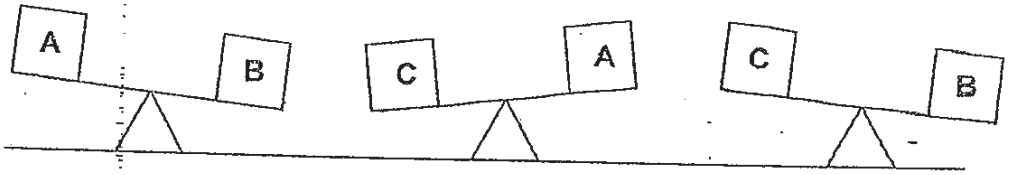


38. There are 8 lamp posts along a road. The distance between 2 lamp posts is 10 m. If all the lamp posts are placed at equal distance, how far is the 3rd lamp post from the 8th lamp post?




Ans: _____ m

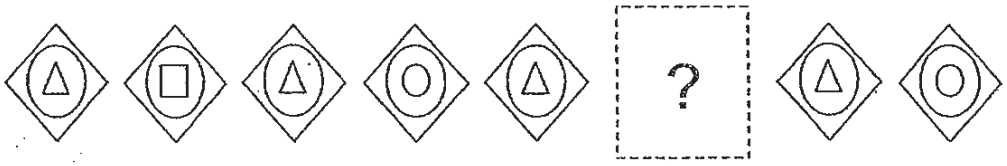
39. Look at the figures below carefully.




Which box is the heaviest?

Ans: Box _____

40. Look at the pattern below carefully.




Select the correct figure to complete the pattern above.

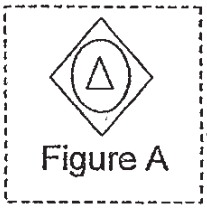


Figure A

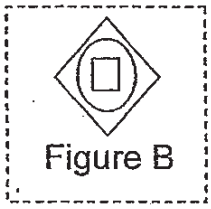


Figure B

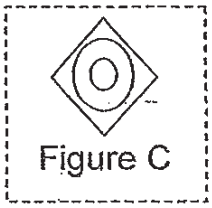


Figure C

Ans: Figure _____

**Section C (5 x 4 marks)**
**Solve the word problems.**

41. Mary has 345 beads. Jane has 223 beads more than her. How many beads do they have altogether?

They have _____ beads altogether.

42. Mother bakes 43 muffins. She gives 6 muffins to each of her 5 friends. She keeps the rest for herself. How many muffins does she keep for herself?

Mother keeps _____ muffins for herself.

43. There are 8 boys in the playground. Mrs Tan gave 5 chocolates to each boy. Another 2 boys joined them and the chocolates had to be shared equally among all the boys. How many chocolates will each boy get in the end?

Each boy will get _____ chocolates.

44. Uncle Chan bought 18 kg of rice on Monday and twice that amount of rice on Tuesday. On Wednesday, he bought half the amount of rice that was bought on Monday. How many kilograms of rice did Uncle Chan buy altogether?

Uncle Chan bought _____ kg of rice altogether.

45. Seng and Bill have the same number of marbles. Seng has 7 red marbles and 3 blue marbles. Bill has 1 fewer red marble than Seng. What fraction of Bill's marbles is red marbles?

_____ of Bill's marbles is red marbles.

☺ END OF PAPER ☺

PLEASE CHECK YOUR WORK CAREFULLY!

# Answer Ke

**EXAM PAPER 2010**

**SCHOOL : CATHOLIC HIGH PRIMARY**
**SUBJECT : PRIMARY 2 MATHEMATICS**

**TERM : SA2**

| Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 | Q9 | Q10 | Q11 | Q12 | Q13 | Q14 | Q15 | Q16 | Q17 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | 4 | 4 | 1 | 1 | 2 | 2 | 1 | 4 | 4 | 3 | 2 | 3 | 3 | 2 | 1 | 3 |

| Q18 | Q19 | Q20 |
|---|---|---|
| 3 | 3 | 4 |

**21)205 22)25 23)5/7,5/9,5/13 24)A: 6 B: 4 25)440**

**26)5 27)2cm 28)420g 29)5 30)2.30p.m. 31)7L**

**32)Thursday 33)3 34)16 35)693 36)21 37)**

**38)50m 39)B 40)B**

**41)345 + 223 = 568**
**568 + 345 = 913**
**They have 913 beads altogether.**

**42)5 x 6 =30**
**43 – 30 = 13**
**Mother keeps 13 muffins for herself.**

**43)8 x8 5 = 40**
**8 + 2 = 10**
**40 ÷ 10 = 4**
**Each boy will get 4 chocolates.**

**44)18 x 2 = 36**
**36 + 18 = 54**
**18 ÷ 2 = 9**
**54 = 9 = 63**
**Uncle Chan bough 63kg of rice altogether.**

**45)7/10 – 1/10 = 6/10**
**6/10 of Bill's marbles is red marbles.**