

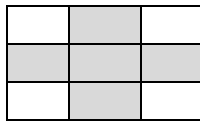
SAMPLE PAPER-4
C A T – 2012
SUBJECT – MATHEMATICS
GRADE – 3
WORKSHEET - 8

Max Marks: 50**Time : 2 Hours
(10)****Q1. Fill in the blanks:**

- a) Taking away 5 hundreds from 3819 = _____
- b) Complete the number sequence:
 5987, 5787, _____, 5387, 5187
- c) The number having 3 in the thousands place, 5 in the hundreds place, 2 in the ones place and 7 in the tens place is _____.
- d) If $11 \times 7 \times 3 = 1001$ then $7 \times 11 \times 3$ is _____
- e) Which sign in the box will make the number sentence true?

$$48 \quad \boxed{} \quad 6 = 8$$

- f) $XI + XII =$ _____.
- g) In the word "OLYMPIAD", the fraction of letters which are vowels is _____.
- h) $\text{Rs } 4.50 + \text{Rs } 15 = \text{Rs } \underline{\hspace{2cm}}$
- i) The fraction for the shaded part in the figure given below is _____.

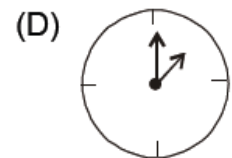
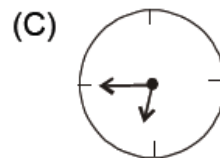
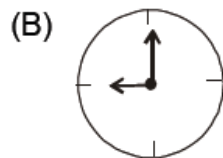
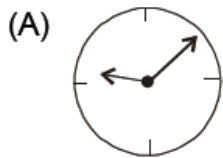


- j) $XL - XXV$ _____ $L - XXX$ (Put $<$ or $>$ sign)

Q2. Tick the correct option in each of the following:**(15)**

- i) Which place value will help us to find out that 9,487 is less than 9,874?
- (A) Ones place (B) Tens place
- (C) Hundreds place (D) Thousands place

- ii) Which of the clocks is showing the time 9 O' clock?



iii) Raj ate $\frac{2}{8}$ of the pizza. How much of the pizza did he eat?



iv) The chart shows the number of pages Mehar read during four days.

Day	Monday	Tuesday	Wednesday	Thursday
Pages Read	24	17	31	26

How many more pages did Mehar read on Wednesday than on Monday?

(A) 17

(B) 7

(C) 14

(D) 24

v) Together, Sara and 3 of her friends made a poster. They drew 8 rows of squares with 6 squares in each row. How many squares did Sara and her friends draw on the poster?

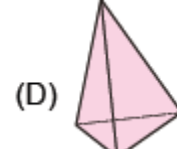
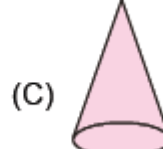
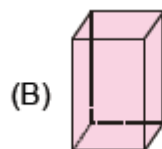
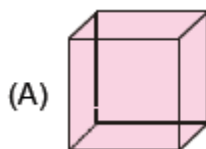
(A) 48

(B) 42

(C) 40

(D) 17

vi) Which of the following has a curved surface and a flat surface?



vii) Pawan's birthday is on 4th Wednesday in March.
When will be his birthday?



- (A) March 28
 (B) March 29
 (C) March 30
 (D) March 31

S	M	T	W	Th	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

viii) Amit's drawing class started at 10'O clock. The class lasted for 1 hour 30 minutes.
 When did the class end?

- (A) 11:00 (B) 12:00 (C) 11:30 (D) 12:30

ix) Ram had 1024 cookies in a box. He threw away 32 spoilt ones. How many cookies were there in the box?

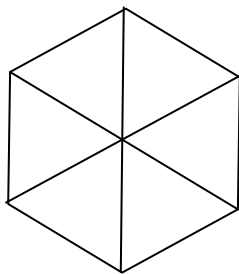
- (A) 923 (B) 992 (C) 990 (D) 926

x) What is the greatest 4- digit number that can be formed using the digits given below:
 0,7,2,9

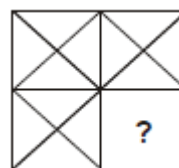
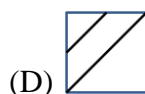
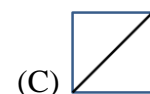
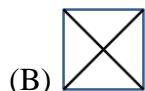
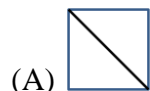
- (A) 7029 (B) 9027 (C) 9702 (D) 9720

xi) How many triangles are there in this figure?

- (A) 7 (B) 8 (C) 8 (D) 6



xii) Select a figure from the four options which when placed in the blank space would complete the pattern given below.



xiii) $4 + 4 + 4 + 4 + 4$ is same as

- (A) 4×5 (B) 20 (C) 5×4 (D) All of these

xiv) On Friday, 1250 people visited the zoo. Three times as many people visited on Saturday than on Friday. How many people visited the zoo on Saturday?

- (A) 3615 (B) 3650 (C) 3750 (D) 3753

xv) Tina shades in 3 spaces on a game board.
What fraction of the game board is unshaded?

- (A) $\frac{3}{6}$ (B) $\frac{3}{5}$
(C) $\frac{3}{3}$ (D) $\frac{6}{3}$

Game Board

Q3. State whether the following statements are TRUE or FALSE:

(10)

- a) The 6091 can be written as $6000 + 900 + 1$ _____
- b) The difference of any number and zero is the number itself. _____
- c) A square has two equal sides. _____
- d) Sonu has 5 Rupee coins. He puts them one above another.
The shape formed will be a cylinder. _____
- e) A toy store sold 2971 games in one year.
The place value of 7 in 2971 is tens _____
- f) Diya saves Rs 5.50 everyday from her pocket money.
So she saves Rs 55 in 10 days. _____
- g) Centimetres would be the best unit to measure the length of the pencil. _____
- h) The product of 9 and 6 has 4 ones and 5 tens. _____
- i) Three halves make a whole. _____
- j) If Romi puts exactly 3 fish in each bowl then she will use 20 bowls to put 60 fish. _____

Q4. Match the following:

(5)

COLUMN A

- a) XI –VII
- b) Rs95 - Rs15.50
- c) Place of 5 in 657
- d) One Year
- e) Smallest 3-digit number
- f) 90×80
- g) Number of 10 Rupee notes equals a 100 Rupee note
- h) If $12 + 9088 = 9100$ then $9088 + 12$ is
- i) Predecessor of 7000
- j) 64 divided by 8

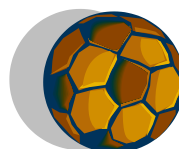
COLUMN B

- i) 10
- ii) 6999
- iii) 8
- iv) Rs79.50
- v) 9100
- vi) 365 days
- vii) IV
- viii) Tens
- ix) 100
- x) 7200

Q5. Simran has a rope of length 155m. She cuts it into 5 equal pieces. How long is each piece of rope? (2)

Q6. One CD is sold at Rs 30. What is the cost of 132 CDs? (2)

Q7. Payal bought these given items at a sale. She went to the sale with a Rs. 1000 note. How much money is left with her now? (3)



Rs. 375



Rs. 315

Q8. The pictograph given below shows preference of the students for winter activities:

Activity	Number of Students
Skiing	☺☺☺
Ice Skating	☺☺☺☺☺☺
Sleighbing	☺☺☺☺☺☺☺☺☺☺
Hockey	☺☺☺☺
Each ☺ means 10 students	

Answer the following questions: (3)

- a) Which is the most popular activity?
- b) How many students like skiing?
- c) Which is more preferred by the students: hockey or ice skating?