



# MATHS

## NCERT - NCERT

### MATHEMATICS(Hinglish)

## KNOWING OUR NUMBERS

### Exercise 1 2

1. A vessel has 4 litres and  $500ml$  of curd. In how many glasses, each of  $25ml$  capacity, can

it be filled?

A. 180 glasses

B. 280 glasses

C. 190 glasses

D. 280 glasses

**Answer: A**



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2. The distance between the school and the house of a student's house is  $1\text{km}$  and  $875\text{m}$ . Everyday she walks both ways. Find the total distance covered by her in six days

A.  $12\text{km}500\text{m}$

B.  $22\text{km}540\text{m}$

C.  $22\text{km}500\text{m}$

D.  $23\text{km}500\text{m}$

**Answer: C**



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3. Medicine is packed in boxes, each weighing  $4\text{kg } 500\text{g}$ . How many such boxes can be loaded in a van which cannot carry beyond  $800\text{kg}$

A. 197 boxes

B. 200 boxes

C. 177 boxes

D. 187 boxes

**Answer: C**





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4. A student multiplied 7236 by 65 instead of multiplying by 56. By how much was his answer greater than the correct answer? (Hint: Do you need to do both the multiplications?)



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5. To stitch a shirt, 2 m 15 cm cloth is needed. Out of 40 m cloth, how many shirts can be stitched and how much cloth will remain



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6. A book exhibition was held for four days in a school. The number of tickets sold at the counter on the first, second, third and final day was respectively 1094, 1812, 2050 and 2751. Find the total number of tickets sold on all the four days.



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7. Shekhar is a famous cricket player. He has so far scored 6980 runs in test matches. He wishes to complete 10,000 runs. How many more runs does he need?



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8. In an election, the successful candidate registered 5,77,500 votes and his nearest rival secured 3,48,700 votes. By what margin did the successful candidate win the election?

A. 2, 00, 000

B. 2, 00, 800

C. 2, 28, 800

D. 3, 98, 800

**Answer: C**



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9. Kirti bookstore sold books worth Rs 2, 85, 891 in the first week of June and books worth Rs 4, 00, 768 in the second week of the



month. How much was the sale for the two weeks together ? In which week was the sale greater and by how much?

A. 6, 86, 659, 1, 14, 877

B. 6, 56, 569, 1, 50, 877

C. 6, 96, 785, 1, 14, 000

D. 6, 65, 794, 2, 34, 877

**Answer: A**



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**10.** Find the difference between the greatest and the least number that can be written using the digits 6, 2, 7, 4, 3 each only once.



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**11.** A machine, on an average, manufactures 2,825 screws a day. How many screws did it produce in the month of January 2006?



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12. Merchant had Rs 78,592 with her. She placed an order for purchasing 40 radio sets at Rs 1200 each. How much money will remain with her after the purchase?



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## Exercise 11

1. Insert commas suitably and write the names according to International System of

Numeration : (a) 78921092 (b)

7452283 (c) 99985102 (d) 48049831



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**2. Fill in the blanks :**

(a) 1 lakh = ten thousand

(b) 1 million = hundred thousand

(c) 1 crore = ten lakh

(d) 1 crore = million.

(e) 1 million = (how many?) lakh

A. 100 lakhs

B. 11 lakhs

C. 1000 lakhs

D. 10 lakhs

**Answer: D**



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**3.** Insert commas suitably and write the names according to Indian System of Numeration :

(a) 87595762                      (b) 8546283                      (c)

99900046                      (d) 98432701



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4. Place commas correctly and write the numerals:(a) Seventy three lakh seventy five thousand three hundred seven.(b) Nine crore five lakh forty one.(c) Seven crore fifty two lakh twenty one thousand three hundred two.(d) Fifty eight million four hundred twenty three thousand two hundred two.(e) Twenty three lakh thirty thousand ten.



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## Exercise 13

1. Estimate the following products using general rule: (a)  $578 \times 161$  (b)  $5281 \times 3491$   
(c)  $1291 \times 592$  (d)  $9250 \times 29$  Make four more such examples



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2. Give a rough estimate (by rounding off to nearest hundreds) and also a closer estimate (by rounding off to nearest tens) : (a)

$439 + 334 + 4,317$

$(b) \quad 1,08,734 -$

$47,599$

$(c) \quad 8325 - 491$

$(d) \quad 4,89,348 -$

48,365 Make four more such examples.



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**3.** Estimate each of the following using general

rule: (a)  $730 + 998$       (b)  $796 - 314$       (c)  $12,904$

$+2,888$       (d)  $28,292 - 21,496$  Make ten more

such examples of addition, subtraction and

estimation of their outcome.



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## Solved Examples

1. Estimate  $5673 - 436$



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2. Write in Roman Numerals

(a) 69

(b) 98

A. (i) LXX

(ii) XCVII

B. (i) LXIX

(ii) XCVIII

C. (i) LXII

(ii) XCVIII

D. (i) LXIX

(ii) XXVIII

**Answer: B**



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3. The number of sheets of paper available for making notebooks is 75,000. Each sheet makes 8 pages of a notebook. Each notebook contains 200 pages. How many notebooks can be made from the paper available?



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4. Estimate:  $5290 + 17986$



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5. In one state, the number of bicycles sold in the year 2002-2003 was 7,43,000. In the year 2003-2004, the number of bicycles sold was 8,00,100. In which year were more bicycles sold? and how many more?



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6. The town newspaper is published every day. One copy has 12 pages. Everyday 11,980 copies

are printed. How many total pages are printed everyday?



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7. Population of Sundar nagar was 2,35,471 in the year 1991. In theyear 2001 it was found to be increased by 72,958. What was the population of the city in 2001?



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