MATHS

NCERT - NCERT MATHEMATICS(ENGLISH)

KNOWING OUR NUMBERS

Exercise 1 2

1. A vessel has 4 litres and 500 ml of curd. In how many glasses, each of 25 mlcapacity, 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 is 1km 875m. Everyday she walks both ways between her school and home. Find the total distance covered by her in a week.

A. $12km500m$

B. $22km540m$

C. $22km500m$

D. $23km500m$

Answer: C

3. Medicine is packed in boxes, each such box weighing 4kg 500 g. How many such boxes can be loaded in a van which cannot carry beyond 800 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 days were respectively 1094, 1812, 2050 and

2751. Find the total number of tickets sold on all the four days.

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?

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?

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?

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 = 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.

Solved Examples

1. Estimate $5673 - 436$

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

3. The number of sheets of paper available for making notebooksis 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?

4. Estimate: $5290 + 17986$

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5. In one state, the number of bicycles sold in the year 2002-2003was 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 has12 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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1. Estimate the following products using general rule:(a)   578 × 161   (b)   5281 × 3491

(c) 1291 × 592   (d) 9250 × 29Make 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) 1,08,734 – 47,599 (c) 8325 – 491(d) 4,89,348 – 48,365Make four more such examples.

3. Estimate each of the following using general rule:(a) 730 + 998 (b) 796 – 314 (c) 12,904

+2,888   (d)   28,292 – 21,496Make ten more such examples of addition, subtraction and estimation of their outcome.