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SESSION : 9

CLASS : V

SUBJECT : MATHEMATICS

CHAPTER NUMBER: 6

CHAPTER NAME : Rounding off- Estimation

SUBTOPIC : Rounding off the numbers to nearest lakh and crore

Exercise 6 A Q. No 6 and 7

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IMPORTANT NOTE :

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Approximation or round-off should be done only when require or asked for. Sometimes it may not be suitable --

For example :

Suppose you are going on a tour and have to catch a train that leaves at 10:50 a.m. You should not think for approximate time or you might miss the train !

EXERCISE – 6 (A)

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Q.6 Round off the given number to the nearest lakh :

a) 5,72,682 = 6,00,000

b) 17,65,925 = 18,00,000

c) 9,82,468 = 10,00,000

d) 8,42,920 = 8,00,000

e) 15,49,300 = 15,00,000

EXERCISE – 6 (A)

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Q.6 Round off the given number to the nearest lakh :

f) 3,59,000 = 4,00,000

g) 94,51,009 = 95,00,000

h) 49,70,999 = 50,00,000

i) 63,60,699 = 64,00,000

EXERCISE – 6 (A)

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Q.7 Round off the given number to the nearest crore :

a) 14,25,56,800 = 14,00,00,000

b) 4,53,60,000 = 5,00,00,000

c) 2,92,50,000 = 3,00,00,000

EXERCISE – 6 (A)

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Q.7 Round off the given number to the nearest crore :

d) 9,97,96,777 = 10,00,00,000

e) 69,74,25,009 = 70,00,00,000

f) 9,37,90,900 = 9,00,00,000

EXERCISE – 6 (A)

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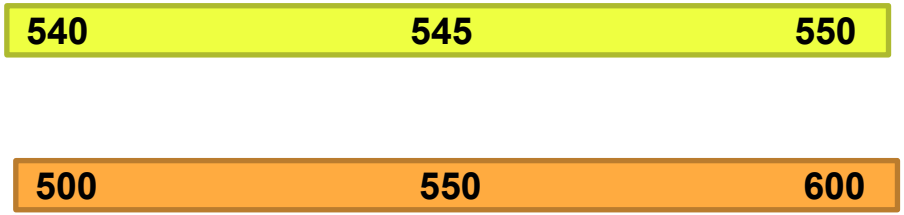
Q.8 For the numbers given below, give the approximation correct to

i) Tens and ii) hundreds.

a) 546



Round off to the nearest ten = 550

Round off to the nearest hundred = 500

EXERCISE – 6 (A)

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Q.8 For the numbers given below, give the approximation correct to

i) Tens and ii) hundreds.

b) 783

Round off to the nearest ten = 780

Round off to the nearest hundred = 800

EXERCISE – 6 (A)

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Q.8 For the numbers given below, give the approximation correct to

i) Tens and ii) hundreds.

c) 937

Round off to the nearest ten = 940

Round off to the nearest hundred = 900

d) 45,381

Round off to the nearest ten = 45,380

Round off to the nearest hundred = 45,400

LEARNING OUTCOME:

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- **Students are able to round off to the nearest 1000 and ten thousand.**

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HOME WORK-

Complete Ex 6 A Q. No 6 to 8 in the notebook

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SESSION : 10

CLASS : V

SUBJECT : MATHEMATICS

CHAPTER NUMBER: 6

CHAPTER NAME : Rounding off- Estimation

SUBTOPIC : Estimation in number operation

Discussion of examples

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LEARNING OBJECTIVE :

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Enable the students

- **To understand the need of rounding off**
- **To apply it in day to day life**
- **To get a general idea about situations involving addition, subtraction, multiplication or division.**

6.2 ESTIMATION IN NUMBERS OPERATIONS

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Estimation helps us to get a general idea about situations involving addition, subtraction, multiplication or division. It can be extremely useful to calculate costs, expenditure, profits, losses, etc. while dealing with the actual numbers.

An estimation is the answer close to the actual answer.

ESTIMATION IN NUMBERS OPERATIONS

ODM EDUCATIONAL GROUP
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$$
\begin{array}{r}
8,40,000 \\
1,00,000 \\
+\quad 50,000 \\
\hline
\end{array}
$$

So, the estimated sum is = 9,90,000

ESTIMATION IN NUMBERS OPERATIONS

ODM EDUCATIONAL GROUP
Changing your Tomorrow

EXAMPLE 2

Estimate the difference to the nearest 1000 and verify if the esimated difference is close to the actual difference.

88,303 – 69,796

Solution :

88,303 rounding off to the nearest 1,000 = 88,000

69,796 rounding off to the nearest 1,000 = − 70,000

The estimated difference = 18,000

ESTIMATION IN NUMBERS OPERATIONS

ODM EDUCATIONAL GROUP
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Solution :

$$\begin{array}{rr} & 88{,}303 \\ - & 69{,}796 \\ \hline & 18{,}507 \end{array}$$

The actual difference = 18,507

So, 18,000 is close to the actual difference
i.e. 18,507

ESTIMATION IN NUMBERS OPERATIONS

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EXAMPLE 3

Estimate the following by rounding off the multiplicand and the dividend to the nearest 100 and find the difference between the estimated and the actual answer.

a) 4,792 × 3 **b) 9,573 ÷ 3**

Solution :

a) Rounding off 4,792 to the nearest 100 , we get 4,800

4,800 × 3 = 14,400

Now, 4,792 × 3 = 14,376

So, Estimated product – Actual product

14,400 - 14,376 = **24**

ESTIMATION IN NUMBERS OPERATIONS

ODM EDUCATIONAL GROUP
Changing your Tomorrow

EXAMPLE 3

Estimate the following by rounding off the multiplicand and the dividend to the nearest 100 and find the difference between the estimated and the actual answer.

a) 4,792 × 3 **b) 9,573 ÷ 3**

Solution :

b) Rounding off 9,573 to the nearest 100 , we get 9,600

9,600 ÷ 3 = 3,200

Now, 9,573 ÷ 3 = 3,191

So, Estimated quotient – Actual quotient

3,200 – 3,191 = **9**

ACTIVITY

GOOD HABITS !

Piyali and Pallavi wanted to solve the puzzle given in a newspaper. It said :

On rounding off the numbers, you will explore a good habit that everyone should adapt.

1. 34,928 (rounded off to nearest ten) ← X
2. 8,52,762 (rounded off to nearest lakh) ← R
3. 2,34,111 (rounded off to nearest hundred) ← E
4. 39,582 (rounded off to nearest 100) ← C
5. 3,92,627 (rounded off to nearest lakh) ← S
6. 1,12,43,312 (rounded off to nearest ten lakh) ← I

The rounded off numbers are written below. Fill in the correct alphabets at the correct places to solve the puzzle.

E	X	E	R	C	I	S	E
2,34,100	34,930	2,34,100	9,00,000	39,600	1,10,00,000	4,00,000	2,34,100

LEARNING OUTCOME:

ODM EDUCATIONAL GROUP
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Students are able

- **To understand the need of rounding off**
- **To apply it in day to day life**
- **To get a general idea about situations involving addition, subtraction, multiplication or division.**

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HOME WORK-

Complete Ex 6 A Q. No 6 to 8 in the notebook

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SESSION : 11

CLASS : V

SUBJECT : MATHEMATICS

CHAPTER NUMBER: 6

CHAPTER NAME : Rounding off- Estimation

SUBTOPIC : Estimation in number operation

EXERCISE – 6 (B) Q. No. 1 and 2

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6.2 ESTIMATION IN NUMBERS OPERATIONS

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Estimation helps us to get a general idea about situations involving addition, subtraction, multiplication or division. It can be extremely useful to calculate costs, expenditure, profits, losses, etc. while dealing with the actual numbers.

An estimation is the answer close to the actual answer.

EXERCISE 6 (B)

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Q.1 Estimate the following sum by rounding off to the nearest lakh and check with the actual answer

a) 29,35,908 + 36,44,009 + 49,99,078

Solution :

29,35,908 rounding off to the nearest lakh = 29,00,000

36,44,009 rounding off to the nearest lakh = 36,00,000

\+

49,99,078 rounding off to the nearest lakh = 50,00,000

So, the estimated sum is = 1,15,00,000

The actual sum is = 29,35,908 + 36,44,009 + 49,99,078

= 1,15,78,995

So, Estimated sum – Actual sum

1,15,78,995 – 1,15,00,000 = 78,995

EXERCISE 6 (B)

ODM EDUCATIONAL GROUP
Changing your Tomorrow

Q.1 Estimate the following sum by rounding off to the nearest lakh and check with the actual answer

b) 56,21,424 + 94,52,137 + 13,79,555

Solution :

56,21,424 rounding off to the nearest lakh = 56,00,000

94,52,137 rounding off to the nearest lakh = 95,00,000

13,79,555 rounding off to the nearest lakh = + 14,00,000

So, the estimated sum is = 1,65,00,000

The actual sum is = 56,21,424 + 94,52,137 + 13,79,555

= 1,64,53,116

So, Estimated sum – Actual sum

1,65,00,000 – 1,64,53,116 = 46,884

EXERCISE 6 (B)

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Q.1 Estimate the following sum by rounding off to the nearest lakh and check with the actual answer

c) 67,00,500 + 39,58,389 + 8,88,642

Solution :

67,00,500 rounding off to the nearest lakh = 67,00,000

39,58,389 rounding off to the nearest lakh = 40,00,000

8,88,642 rounding off to the nearest lakh = + 9,00,000

So, the estimated sum is = 1,16,00,000

The actual sum is = 67,00,500 + 39,58,389 + 8,88,642

= 1,15,47,531

So, Estimated sum – Actual sum

1,16,00,000 – 1,15,47,531 = 52,469

EXERCISE 6 (B)

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Q.2 Estimate the following difference by rounding off to the nearest 10,000.

a) 53,708 – 48,677

Solution :

53,708 rounding off to the nearest 10,000 = 50,000

48,677 rounding off to the nearest 10,000 = − 50,000

The estimated difference = 0

So, the estimated difference is 0.

EXERCISE 6 (B)

Q.2 Estimate the following difference by rounding off to the nearest 10,000.

b) 66,578 – 19,304

Solution :

66,578 rounding off to the nearest 10,000 = 70,000

19,304 rounding off to the nearest 10,000 = − 20,000

The estimated difference = 50,000

So, the estimated difference is 50.000.

EXERCISE 6 (B)

Q.2 Estimate the following difference by rounding off to the nearest 10,000 :

c) 1,87,355 – 89,856

Solution :

1,87,355 rounding off to the nearest 10,000	=	1,90,000
89,856 rounding off to the nearest 10,000	=	− 90,000
The estimated difference	=	1,00,000

So, the estimated difference is 1,00.000.

LEARNING OUTCOME:

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Students are able

- **To understand the need of rounding off**
- **To apply it in day to day life**
- **To get a general idea about situations involving addition, subtraction, multiplication or division.**

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HOME WORK-

Complete Ex 6 (B) Q. No 2 in the notebook

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SESSION : 12

CLASS : V

SUBJECT : MATHEMATICS

CHAPTER NUMBER: 6

CHAPTER NAME : Rounding off- Estimation

SUBTOPIC : Estimation in number operation

EXERCISE – 6 (B) Q. No – 3 and 4

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6.2 ESTIMATION IN NUMBERS OPERATIONS

Estimation helps us to get a general idea about situations involving addition, subtraction, multiplication or division. It can be extremely useful to calculate costs, expenditure, profits, losses, etc. while dealing with the actual numbers.

An estimation is the answer close to the actual answer.

EXERCISE 6 (B)

Q.3 Estimate the following by rounding off the multiplicand and the dividend to the nearest 1,000 :

a) 7,603 × 2

Solution :

Rounding off 7,603 to the nearest 1,000 ,
we get 8,000

8,000 × 2 = 16,000

So, the estimated product is 16,000.

$$\begin{array}{r} 8{,}000 \\ \times \quad 2 \\ \hline 16{,}000 \end{array}$$

b) 6,945 × 8

Solution :

Rounding off 6,945 to the nearest 1,000 ,
we get 7,000

7,000 × 8 = 56,000

So, the estimated product is 56,000.

$$\begin{array}{r} 7{,}000 \\ \times \quad 8 \\ \hline 56{,}000 \end{array}$$

EXERCISE 6 (B)

Q. 3 Estimate the following by rounding off the multiplicand and the dividend to the nearest 1,000 :

c) 41,750 ÷ 3

Solution :

Rounding off 41,750 to the nearest 1,000 ,
we get 42,000

42,000 ÷ 3 = 14,000

So, the estimated quotient is 14,000.

d) 5,668 × 11

Solution :

Rounding off 5,668 to the nearest 1,000 ,
we get 6,000

6,000 × 11 = 66,000

So, the estimated product is 66,000.

EXERCISE 6 (B)

Q.3 Estimate the following by rounding off the multiplicand and the dividend to the nearest 1,000 :

e) 27,259 ÷ 9

Solution :

Rounding off 27,259 to the nearest 1,000 ,
we get 27,000

27,000 ÷ 9 = 3,000

So, the estimated quotient is 3,000.

f) 89,666 ÷ 15

Solution :

Rounding off 89,666 to the nearest 1,000 ,
we get 90,000

90,000 ÷ 15 = 6,000

So, the estimated quotient is 6,000.

EXERCISE 6 (B)

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Q.4 Round off the following as instructed:

a) To the nearest rupee.

Rs.320.50 p	**Rs.68.25 p**	**Rs.32.80 p**	**Rs.3.70 p**	**Rs.8.96 p**
Rs. 321	Rs. 68	Rs. 33	Rs. 4	Rs. 9

b) To the nearest hour.

8:50 p.m.	**10:48 a.m.**	**5:35 p.m.**
9 p.m.	11 a.m.	6 p.m.

EXERCISE 6 (B)

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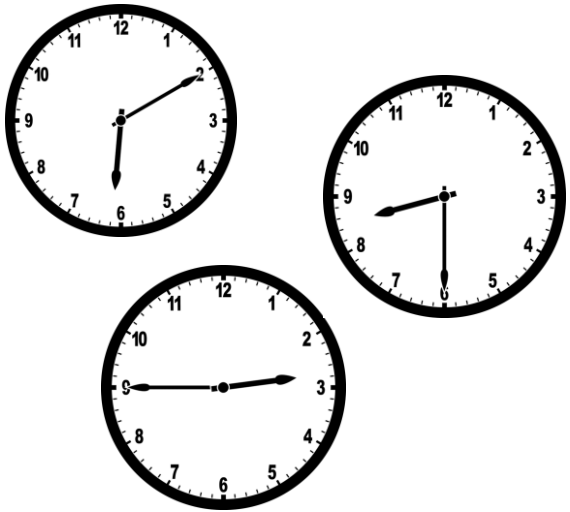
Q.4 Round off the following as instructed:



b) To the nearest hour.

6:10 a.m. 6 a.m.

8:30 a.m. 9 a.m.

2:45 p.m. 3 p.m.

c) To the nearest year.

10 years 10 months 11 years

5 years 3 months 5 years

24 years 6 months 25 years

15 years 9 months 16 years

LEARNING OUTCOME:

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Students are able

- **To understand the need of rounding off**
- **To apply it in day to day life**
- **To get a general idea about situations involving addition, subtraction, multiplication or division.**

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HOME WORK-

Complete Ex 6 (B) Q. No 3 and 4 in the notebook

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SESSION : 13

CLASS : V

SUBJECT : MATHEMATICS

CHAPTER NUMBER: 6

CHAPTER NAME : Rounding off- Estimation

SUBTOPIC : Estimation (Story sums)

Discussion of Examples

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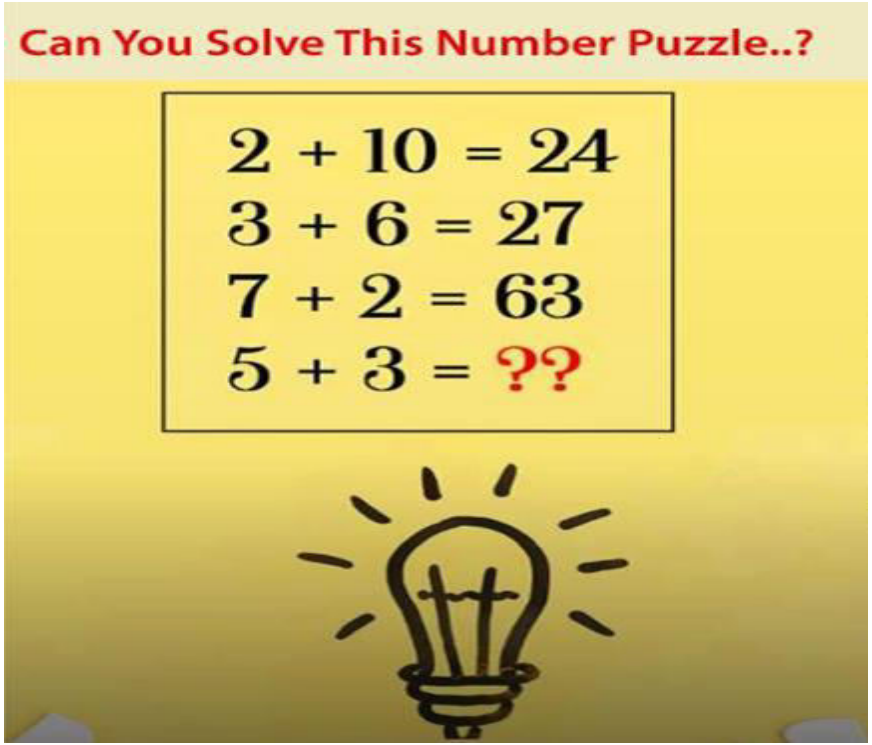
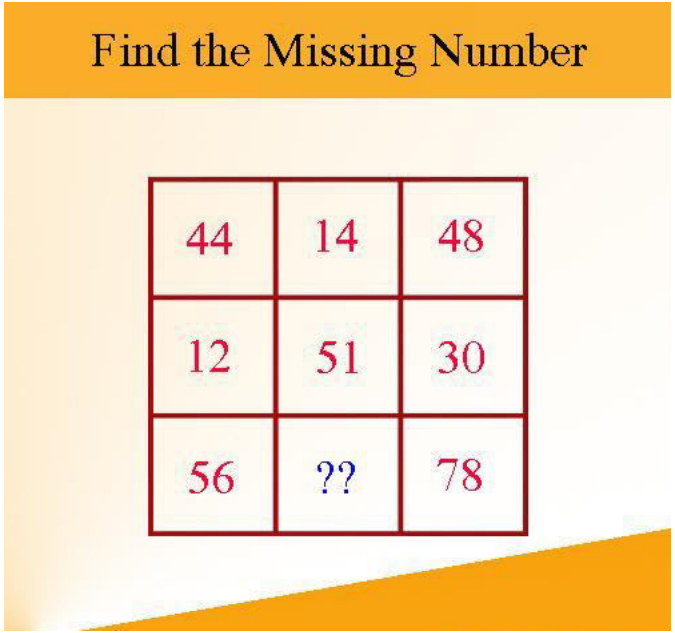
Solve this number puzzle?



A) 40	B) 44
C) 60	D) 56

Solve the missing number puzzle?



A) 58	B) 63
C) 78	D) 65

6.3 ESTIMATION – STORY SUMS

RULE – In case rounding off place value is not specified, we add or subtract numbers having different digits by rounding off all the numbers to the greatest place of the number having the least number of digits.

An estimation is the answer close to the actual answer.

ESTIMATION – STORY SUMS

EXAMPLE 1

Mr. Singh has 193 Pepsi, 187 Coca Cola and 95 Fanta bottles in his shop. Estimate about how many bottles he has in stock by rounding off each number to the nearest tens.

Solution :

Round off 193, 187 and 95 to the nearest tens

193 → 190

187 → 190

\+

95 → 100

480

So, about 480 bottles are in the stock.

ESTIMATION – STORY SUMS

EXAMPLE 2

A shopkeeper's monthly income by sale was Rs.27,650 and his expenditure was Rs. 15,275. Estimate his profit by rounding off to the nearest thousands .

Solution :

Round off each number to its greatest place value and subtract.

Round off 27,650 and 15,275 to the nearest thousands

27,650 → 28,000

15,270 → − 15,000

13,000

So, his profit was about Rs. 13,000

ESTIMATION – STORY SUMS

EXAMPLE 3

Sahil bought a mobile phone for Rs. 6,325 and mobile cover for Rs.189. Find out about how much money he spent ?

Solution :

Out of the two given numbers, 189 is the smaller number (3-digit number). So, we shall round off both the numbers to the greatest place of 3-digit number, i.e. to the nearest hundreds.

6,325 → 6,300

189 → + 200

6,500

So, he spent around Rs.6,500

ESTIMATION – STORY SUMS

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EXAMPLE 4

A stadium has 28 rows and each row has 437 seats. About how many persons can be accommodated in the stadium ?

Rule - When finding the product of numbers, we round off each factor to its greatest place and multiply the rounded off factors.

Solution :

Round off the numbers to their greatest place value and multiply.

28 → 30

437 → 400

Number of seats = 30 × 400 = 12,000

So, the stadium can accommodate about 12,000 people

LEARNING OUTCOME:

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Students are able

- **To understand the need of rounding off**
- **To apply it in day to day life**
- **To get a general idea about situations involving addition, subtraction, multiplication or division.**

HOME WORK-

Practice examples

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SESSION : 14

CLASS : V

SUBJECT : MATHEMATICS

CHAPTER NUMBER: 6

CHAPTER NAME : Rounding off- Estimation

SUBTOPIC : Estimation (Story sums)

Exercise-6 C Q.No. 1 to 3

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6.3 ESTIMATION – STORY SUMS

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RULE – 1 In case rounding off place value is not specified, we add or subtract numbers having different digits by rounding off all the numbers to the greatest place of the number having the least number of digits.

RULE – 2 When finding the product of numbers, we round off each factor to its greatest place and multiply the rounded off factors.

EXERCISE – 6 (C)

Q.No. 1 Estimate the sum :

a) 53 + 47

Solution :

Round off 53 and 47 to the nearest tens, we get

50 + 50 =100

b) 28 + 69 + 67

Solution :

Round off 28, 69 and 67 to the nearest tens, we get

30 + 70 + 70 = 170

EXERCISE – 6 (C)

Q.No. 1 Estimate the sum :

c) 240 + 398

Solution :

Round off 240 and 398 to the nearest 100, we get

200 + 400 = 600

d) 467 + 176 + 87

Solution :

Round off 467,176 and 87 to the nearest 10, we get

470 + 180 + 90 = 740

EXERCISE – 6 (C)

Q.No. 1 Estimate the sum :

e) 2843 + 4382 + 9324

Solution :

Round off 2843, 4382 and 9324 to the nearest 1000, we get

3000 + 4000 + 9000 = 16,000

d) 83413 + 2567 + 43928

Solution :

Round off 83413, 2567 and 43928 to the nearest 1000, we get

83000 + 3000 + 44000 = 1,30,000

EXERCISE – 6 (C)

Q.No. 2 Estimate the difference :

a) 85 - 32

Solution :

Round off 85 and 32 to the nearest 10, we get

90 – 30 = 60

b) 56 – 27

Solution :

Round off 56 and 27 to the nearest 10, we get

60 – 30 = 30

EXERCISE – 6 (C)

Q.No. 2 Estimate the difference :

c) 567 - 84

Solution :

Round off 567 and 84 to the nearest 10, we get

570 - 80 = 490

d) 3678 - 1256

Solution :

Round off 3678 and 1256 to the nearest 1000, we get

4000 – 1000 = 3000

EXERCISE – 6 (C)

Q.No. 2 Estimate the difference :

e) 3056 - 1506

Solution :

Round off 3056 and 1506 to the nearest 10, we get

3000 – 2000 = 1000

f) 93125 - 34123

Solution :

Round off 93125 and 34123 to the nearest 10000, we get

90000 – 30000 = 60000

EXERCISE – 6 (C)

Q.No. 3 Estimate the product :

a) 33 × 17

Solution :

Round off 33 and 17 to their greatest place value and multiply

30 × 20 = 600

b) 88 × 21

Solution :

Round off 88 and 21 to their greatest place value and multiply

90 × 20 = 1800

EXERCISE – 6 (C)

Q.No. 3 Estimate the product :

c) 178 × 4

Solution :

Round off 178 and 4 to their greatest place value and multiply

200 × 4 = 800

d) 486 × 31

Solution :

Round off 486 and 31 to their greatest place value and multiply

500 × 30 = 15000

EXERCISE – 6 (C)

Q.No. 3 Estimate the product :

e) 2124 × 112

Solution :

Round off 2124 and 112 to their greatest place value and multiply

2000 × 100 = 2,00,000

f) 997 × 47

Solution :

Round off 997 and 47 to their greatest place value and multiply

1000 × 50 = 50,000

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HOME WORK-

Exercise-6 C Q.No. 1 to 3 in the notebook

LEARNING OUTCOME:

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Students are able

- **To understand the need of rounding off**
- **To apply it in day to day life**
- **To get a general idea about situations involving addition, subtraction, multiplication or division.**

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SESSION : 14

CLASS : V

SUBJECT : MATHEMATICS

CHAPTER NUMBER: 6

CHAPTER NAME : Rounding off- Estimation

SUBTOPIC : Estimation (Story sums)

Exercise-6 C Q.No. 4 to 7

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6.3 ESTIMATION – STORY SUMS

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RULE – 1 In case rounding off place value is not specified, we add or subtract numbers having different digits by rounding off all the numbers to the greatest place of the number having the least number of digits.

RULE – 2 When finding the product of numbers, we round off each factor to its greatest place and multiply the rounded off factors.

EXERCISE – 6 (C)

Q.No. 4 Choose the best answer from the answers given in the brackets :

a) 242 + 406 [500, 600, 700]

b) 2415 + 1076 + 3662 [7000, 8000, 9000]

c) 4745 – 1828 [2000, 3000, 4000]

d) 9412 – 6814 [2000, 3000, 4000]

e) 878 × 98 [85000, 92000, 90000]

f) 2488 × 18 [30,000 ; 60000 ; 40,000]

EXERCISE – 6 (C)

Q.No.5 A cassette costs Rs. 37. Approximately, how much will 21 cassettes cost?

Solution :

Round off 37 and 21 to their greatest place value and multiply

37 ⟶ **40**

21 ⟶ **20**

Cost of 21 cassettes = **40 × 20 = 800**

So, approximate cost of 21 cassettes is Rs.800.

EXERCISE – 6 (C)

Q.No.6 Rohan had Rs.9846. He bought a music player for Rs.6248. Estimate the money Rohan is left with him?

Solution :

Round off 9846 and 6248 to the nearest 1000, we get

9846 → **10000**

6248 → **6000**

Money left with him = **10000 – 6000 = 4000**

So, the money Rohan is left with him is Rs.4000.

EXERCISE – 6 (C)

Q.No.7 Two water tanks contain 3415 litres and 2756 litres of water respectively. Find the total amount of water contained in the two water tanks and round it off to the nearest 1000.

Solution :

Water contains in tanker one = 3415 litres

Water contains in tanker two = 2756 litres

Total amount of water contained in the two water tanks = 3415 + 2756

$$\begin{array}{r} 3415 \\ + \quad 2756 \\ \hline 6171 \end{array}$$

= 6171

Round off 6171 to the nearest 1000 = 6000

So, estimated amount of water contained in the two water tanks is 6000 litres.

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HOME WORK-

Comlpete exercise-6 C Q.No. 4 to 7 in the notebook

LEARNING OUTCOME:

ODM EDUCATIONAL GROUP
Changing your Tomorrow

Students are able

- **To understand the need of rounding off**
- **To apply it in day to day life**
- **To get a general idea about situations involving addition, subtraction, multiplication or division.**

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SESSION : 16

CLASS : V

SUBJECT : MATHEMATICS

CHAPTER NUMBER: 6

CHAPTER NAME : Rounding off- Estimation

SUBTOPIC : Doubt clearing and Class test

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LEARNING OBJECTIVE :

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- **Enable the students to recall the whole chapter of Estimation through this class test.**

CLASS TEST **FULL MARK-15**

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A. Fill in the blanks. (1×5=5)

1. The half-way number between 19,000 and 20,000 is _____.

2. 768 + 234 = _____ [900, 1000, 800]

3. If we round off ₹456.80p to the nearest rupee we get _____.

4. If we round off 4 years 7 months to the nearest year we get _____.

5. Round off to the nearest hour : 11: 45am=_____.

CLASS TEST

FULL MARK-15

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B. Do as Directed. **(2×2=4)**

6.Estimate the sum.

a. 2,65,893 + 2,541

7. Estimate the product.

a. 125 × 63

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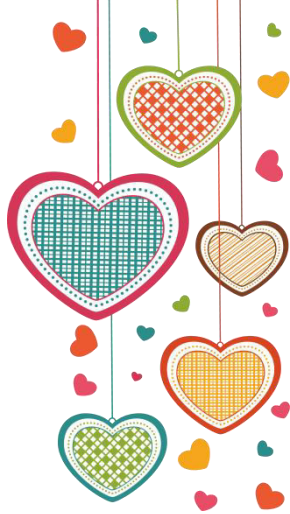
CLASS TEST **FULL MARK-15**

C. Word Problem. **(3×2=6)**

8. Mohit had ₹ 9,876. He gave ₹ 897 to his sister for her school project. Estimate the money left with him.

9. A radio costs ₹1267. Find the approximate cost of 18 such radios?



ANSWER

CLASS TEST **FULL MARK-15**

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A. Fill in the blanks. (1×5=5)

1. The half way number between 19,000 and 20,000 is 19,500

2. 768 + 234 = 1000 [900, 1000, 800]

3. If we round off ₹456.80p to the nearest rupee we get ₹ 457

4. If we round off 4 years 7 months to the nearest year we get 5 years

5. Round off to the nearest hour : 11: 45 am= 12 pm

CLASS TEST **FULL MARK-15**

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B. Do as Directed. (2×2=4)

6.Estimate the sum

a. 2,65,893 + 2,541

Rounding off 2,65,893 and 2,541 to the nearest 1000 and add:

2,66,000 + 3000 = 2,69,000

7. Estimate the product

a. 125 × 63

Rounding off 125 and 63 to their greatest place value and multiply:

100 × 60 = 6000

CLASS TEST **FULL MARK-15**

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C. Word Problem. (3×2=6)

8. Mohit had ₹ 9876. He gave ₹ 897 to his sister for her school project. Estimate the money left with him.

Solution:

After rounding off 9876 and 897 to the nearest 100, we get

9876 ⟶ 9900

897 ⟶ 900

Money left with him = 9900 – 900 = ₹ 9000

So, Mohit is left with about ₹ 9000.

CLASS TEST

FULL MARK-15

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9. A radio costs ₹1267. Find the approximate cost of 18 such radios?

Solution:

Cost of a radio = ₹1267

After rounding off 1267 and 18 to their greatest place value, we get

1267 ⟶ 1000

18 ⟶ 20

Approximate cost of 18 radios = 1000 × 20 = ₹20,000

So the approximate cost of 18 radios is ₹20,000

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