

**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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**CHANGING YOUR TOMORROW**

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# LEARNING OBJECTIVE :

**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.**

## 6.3 ESTIMATION – STORY SUMS

**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)  $878 \times 98$  [ 85000, 92000, 90000 ]
- f)  $2488 \times 18$  [ 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

$$\begin{array}{ccc} 37 & \longrightarrow & 40 \\ 21 & \longrightarrow & 20 \end{array}$$

$$\text{Cost of 21 cassettes} = 40 \times 20 = 800$$

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

$$9846 \longrightarrow 10000$$

$$6248 \longrightarrow 6000$$

$$\text{Money left with him} = 10000 - 6000 = 4000$$

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

$$= 6171$$

Round off 6171 to the nearest 1000 = 6000

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

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





**THANKING YOU**  
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