

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

CHANGING YOUR TOMORROW

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. 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

$$30 \times 20 = 600$$

b) 88×21

Solution :

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

$$90 \times 20 = 1800$$

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

$$200 \times 4 = 800$$

d) 486×31

Solution :

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

$$500 \times 30 = 15000$$

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

$$2000 \times 100 = 2,00,000$$

f) 997×47

Solution :

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

$$1000 \times 50 = 50,000$$

HOME WORK-

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

THANKING YOU
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