

# Chapter :3

## Rounding Off Numbers

### Rounding off the Number to the Nearest thousand:

**RULES:** 1. We round it off to the multiple of thousand, The digit of ones , tens and hundred place will be replaced by 0.

2. If the digit at hundred place is less than 5 ( eg: 0,1,2,3,4) then the digit of thousand place will remain same.

*At thousand place 4 remains same*

**Example:** rounding off 4245 to nearest thousand place is 4000.

*Digits of ones ,tens,hundred place become 0*

(digit of hundred place is  $2 < 5$  ,therefore digit of thousand place 4 is same after rounding off )

3. If the digit at hundred place is more than or equal to 5(eg:5,6,7,8,9) ,then 1 will be added to the digit of thousand place .

*At thousand place  $4 + 1 = 5$*

**Example:** rounding off 4869 to nearest thousand place is 5000.

*Digit of ones ,tens ,hundred place replaced by 0*

(digit at hundred place is  $8 > 5$  , therefore 1 will be added with the digit of thousand place  $4 + 1 = 5$  )

**NOTE :** Rules and self practice 3A has to be written in class work copy.

### SELF PRACTICE :3 A

Q 3. Round off the following numbers to the nearest thousand:

- a. 2,992 is rounded off to 3,000.
- b. 5,644 is rounded off to 6,000.
- c. 4,367 is rounded off to 4,000.
- d. 7,881 is rounded off to 8,000
- e. 7,337 is rounded off to 7,000.
- f. 6,634 is rounded off to 7,000.
- g. 71,568 is rounded off to 72,000.
- h. 15,496 is rounded off to 15,000.
- i. 80,005 is rounded off to 80,000.
- j. 40,678 is rounded off to 41,000.

**Q :4** Give the approximation of the following numbers to the nearest ten, hundred and thousand:

S No	Numbers	Nearest ten	Nearest hundred	Nearest thousand
a.	832	830	800	1,000
b.	783	780	800	1,000
c.	579	580	600	1,000
d.	9,483	9,480	9,500	10,000
e.	9,992	9,990	10,000	10,000
f.	2,831	2,830	2,800	3,000
g.	5,887	5,890	5,900	6,000
h.	9,838	9,840	9,800	10,000
i.	7,556	7,560	7,600	8,000
j.	24,382	24,380	24,400	24,000