

Name: _____ Class & Sec: _____ Roll No. _____ Date: 17.04.2020

Today's Topic - Rounding Numbers (Rounding off Large Numbers)
Rules :- (Please read the rules and try to understand).

Rounding off to the nearest 10 :- If the digit in the ones place is 0, 1, 2, 3 or 4

(i.e. < 5) then replace ones place by '0'

Example: 5,817,424 $\rightarrow$ 5,817,420 ($4 < 5$)

If the digit in the ones place is 5, 6, 7, 8 or 9

(i.e. > 5 , but < 10) then replace ones digit by '0' and add 1 to the tens place.

Example: 62,75,985 $\rightarrow$ 62,75,990 (Here digit at ones place = 5)

Rounding off to nearest 100 :- If the digit in the tens place is 0, 1, 2, 3 or 4 (i.e. < 5)

then replace ones and tens digit by '0'

Example: 5,817,424 $\rightarrow$ 5,817,400 ($2 < 5$)

If the digit in the tens place is 5, 6, 7, 8 or 9

(i.e. > 5 or $= 5$ but < 10) then replace ones and tens places by '0' and add 1 to the hundreds place

Example: 62,75,885 $\rightarrow$ 62,75,900 ($8 > 5$)

Rounding off to nearest 1000 :- If the digit in the hundreds place is 0, 1, 2, 3 or 4 (i.e. < 5)

then replace ones, tens and hundred places by '0'

Example: 5,817,424 $\rightarrow$ 5,817,000 ($4 < 5$)

If the digit in the hundred place is 5, 6, 7, 8 or 9

(i.e. > 5 or $= 5$, but < 10) then replace ones, tens and hundred place by '0' and add 1 to the thousand place.

Example: 62,75,985 $\rightarrow$ 62,76,000 ($9 < 5$)

Rounding off to nearest 10,000 :- If the digit in the thousand place is

0, 1, 2, 3 or 4 (ie < 5) then replace ones, tens and hundred places by '0'

Example :- 5,817,424 $\rightarrow$ 5,820,000 ($7 > 5$)

If the digit in the thousand place is

5, 6, 7, 8 or 9 (ie > 5 or $= 5$ but < 10)

then replace ones, tens, hundred and thousand place by '0' and add 1 to the ten thousand place.

Example :- 62,75,985 $\rightarrow$ 6280,000 ($5 = 5$)

Rounding off to nearest 1,00,000 :- If the digit in the ten thousand place

is 0, 1, 2, 3 or 4 (ie < 5) then replace ones, tens, hundred, thousand and ten thousand places by '0'

Example $\rightarrow$ 5,817,424 $\rightarrow$ 5,800,000

If the digit in the ten thousand place is 5, 6, 7, 8, 9 (ie > 5 or $= 5$ but < 10)

then replace ones, tens, hundred, thousand, ten thousand place by '0' and add 1 to the lakhs place.

Example :- 62,75,985 $\rightarrow$ 63,00,000

Good Morning Students!

Today I want to repeat the same topic - Rounding Numbers because many of you were having problems and rules were not clear to you. So, you go through the rules again and try to understand, and then solve the questions.

Solve these sums.

Q1 Round off the following to nearest tens

a) 242

b) 85

c) 861

d) 1742

e) 3980

f) 26415

g) 19898

h) 9624138

Q2 Round the following to nearest hundreds

a) 345

b) 1863

c) 597

d) 62945

e) 38101

f) 724516

g) 624040

h) 51428031

Q3 Round the following to nearest thousands

a) 5247

b) 9745

c) 32580

d) 695483

e) 1234567

f) 4973801

g) 9789789

h) 72413801

(Answers will be given later)

Please Check the answers.

<u>Q1</u>	a) 240	b) 90	c) 860	d) 1740
	e) 3980	f) 26420	g) 19900	h) 9624140
<u>Q2</u>	a) 300	b) 1900	c) 600	d) 62900
	e) 38100	f) 724500	g) 624000	h) 51428000
<u>Q3</u>	a) 5000	b) 10000	c) 33000	d) 695000
	e) 1235000	f) 4974000	g) 9790000	h) 72414000

Today's class is over. Next I will meet you on Tuesday.
 Good Bye! Be safe and $x \text{-----} x$
 Be Healthy.