

Name: _____ Class & Sec: _____ Roll No. _____ Date: 14.04.2020

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 ($9 > 5$)

[Date : / /]

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

Solve these sums.

Q1 Round off the following to nearest tens

a) 245 b) 95 c) 862 d) 1745

e) 3890 f) 62415 g) 198989 h) 9624183

Q2 Round off the following to nearest hundreds.

a) 342 b) 1862 c) 598 d) 62945

e) 384105 f) 724156 g) 888888 h) 51428032

Q3 Round off the following to nearest thousands

a) 5248 b) 7945 c) 32480 d) 695483

e) 1234567 f) 4793803 g) 9999999 h) 72413803

(Answers will be given later)

Maths H.W.

Q4 Round off the following to nearest ten thousands

a) 72480

c) 357482

b) 39562

d) 962576

e) 1432516

f) 12843850

Q5 Round off the following to nearest lakhs

a) 760001

d) 12345678

b) 562005

e) 7654321

c) 913256

f) 999999

Please Check the answers

Please check the answers

Q1 a) 240 b) ~~100~~ 100 c) 860 d) 1750
e) 3890 f) 62420 g) 198990 h) 9624180

Q2 a) 300 b) 1900 c) 600 d) 62900
e) 384100 f) 724200 g) 888900 h) 51428000

Q3 a) 5000 b) 8000 c) 32000 d) 695000
e) 1235000 f) 4794000 g) ~~1000000~~
h) 72414000

ok! Good afternoon students. Be safe and eat healthy.
Next ~~we~~ I meet you on Friday.