

Estimation

Estimation to the nearest tens by rounding off

Take numbers 10, 17, 20

Difference between 20 and 17 is less than the difference between 10 and 17. So, we round off 17 as 20

Similarly, 6,7,8,9 are rounded off to 10

Estimation to the nearest hundreds by rounding off

Is 410 nearer to 400 or to 500?

410 is closer to 400, so it is rounded off to 410 will be round off as 400, correct to the nearest hundred.

Similarly, 889 is rounded off to 900

Estimation to the nearest thousands by rounding off

999 is nearer to 1000 so, 999 is rounded off to 1000

Similarly, 990 is rounded off to 1000

To estimate sum

Estimate $5,290 + 17,986$

17,986 is round off to 18,000

5,290 is round off to 5,000

Therefore, Estimated sum = $18,000 + 5,000 = 23,000$

To estimate difference

Estimate $5,673 - 436$

5,673 rounds off to 5,700

436 rounds off to 400

Therefore, estimated difference = $5,700 - 400 = 5,300$