Solve the Problems and Round Accordingly

1) 37.819 + 98.62 + 2.3 = _____

2) 55.7 - 39.494 = _____

3) 6.4 + 13.4 = _____

4) 2.1534 + 9.4 + 73.973 = _____

5) 93.2 + 32.1389 = _____

6) 85.1 - 56.363 = _____

7) 75.432 + 1.3949 = _____

8) 88.8 + 7.67 = _____

9) 8.74 - 6.343 = _____

10) 67.32 - 5.4 = _____

11) 57.83 - 42.1 = _____

12) 7.86 + 29.3 = _____

13) 8.7453 + 7.2 + 52.5856= _____

14) 9.229 + 62.35 + 13.716 = _____

15) 61.6 - 6.77= _____

16) 44.938 + 1.6193 + 5.9 = _____

17) 4.7361 + 9.5 + 9.213 = _____

18) 28.2731 + 54.7 + 47.333 = _____

19) 59.445 - 57.31 = _____

20) 93.43 + 49.5476 = _____

Answers

Always include your calculator and rounded Sig Fig answer. In the key the first will be what appears on your calculator, the second is after it is rounded. I highlighted the place that sets the rounding in the problem and on the calculator answer.

1) 37.819 + 98.62 + 2.3 = 138.739 → 138.7

2) 55.7 - 39.494 = 16.206 → 16.2

3) 6.4 + 13.4 = 19.8 → 19.8

4) 2.1534 + 9.4 + 73.973 = 85.5264 → 85.5

5) 93.2 + 32.1389 = 125.3389→ 125.3

6) 85.1 - 56.363 = 28.737→ 28.7

7) 75.432 + 1.3949 = 76.8269→ 76.827

8) 88.8 + 7.67 = 96.47→ 96.5

9) 8.74 - 6.343 = 2.397→ 2.40

10) 67.32 - 5.4 = 61.92→ 61.9

11) 57.83 - 42.1 = 15.73→ 15.7

12) 7.86 + 29.3 = 37.16→ 37.2

13) 8.7453 + 7.2 + 52.5856=68.5309→68.5

14) 9.229 + 62.35 + 13.716=85.295→ 85.30

15) 61.6 - 6.77= 54.83→ 54.8

16) 44.938 + 1.6193 + 5.9 =52.4573→ 52.5

17) 4.7361 + 9.5 + 9.213 =23.4491→ 23.4

18) 28.2731 + 54.7 + 47.333 =130.306→ 130.3

19) 59.445 - 57.31 = 2.135→ 2.14

20) 93.43 + 49.5476 = 142.9776→ 142.98