CSE 101: Computer Science Principles (Fall 2019)

Homework #3— Test Cases

Hint: It may be easier to create a separate function for each type of conversion, and then call the appropriate function from inside `multiconverter()`.

Examples (don't worry about rounding decimal values):

Function Call	Return Value
`multiconverter("pica", 3)`	`[3, 36, 48]`
`multiconverter("pixel", 24)`	`[1.5, 18.0, 24]`
`multiconverter("point", 72)`	`[6.0, 72, 96.0]`
`multiconverter("kelvin", 451)`	`[451.0, 177.85000000000002, 352.13000000000005, 811.8000000000001, 142.28000000000003]`
`multiconverter("celsius", 37.1)`	`[310.25, 37.1, 98.78, 558.45, 29.680000000000003]`
`multiconverter("fahrenheit", 212)`	`[373.15, 100.0, 212.0, 671.6700000000001, 80.0]`
`multiconverter("rankine", 268)`	`[148.88888888888886, -124.26111111111112, -191.67000000000002, 268.0, -99.4088888888889]`
`multiconverter("reaumur", 17)`	`[294.4, 21.25, 70.25, 529.9200000000001, 17.0]`
`multiconverter("feet", 25)`	`[25, 7.620092660326749, 1.5151515151515151, 4.166666666666667, 4.8535207439476595]`
`multiconverter("meters", 2)`	`[6.5616, 2.0, 0.3976727272727273, 1.0936000000000001, 1.2738744685394785]`
`multiconverter("rods", 14)`	`[231.0, 70.40965618141917, 14.0, 38.5, 44.846531674076374]`
`multiconverter("fathoms", 10)`	`[60, 18.2882223847842, 3.6363636363636362, 10.0, 11.648449785474384]`
`multiconverter("canas", 20)`	`[5.1509, 1.5700134113630821, 0.31217575757575755, 0.8584833333333334, 1.0]`