

# Accuracy/Precision Data Sets

Compare these values to the accepted values on the periodic table.

Data Set 1—molar mass of zinc 1) 65.45 g/mol 2) 65.30 g/mol 3) 65.37 g/mol 4) 65.41 g/mol 5) 65.35 g/mol	Accurate? Yes      No  Precise? Yes      No
Data Set 2—molar mass of potassium 1) 42.60 g/mol 2) 30.82 g/mol 3) 68.75 g/mol 4) 35.00 g/mol 5) 15.92 g/mol	Accurate? Yes      No  Precise? Yes      No
Data Set 3—molar mass of carbon 1) 14.05 g/mol 2) 14.03 g/mol 3) 14.06 g/mol 4) 14.04 g/mol 5) 14.05 g/mol	Accurate? Yes      No  Precise? Yes      No
Data Set 4—molar mass of barium 1) 139.84 g/mol 2) 135.95 g/mol 3) 130.00 g/mol 4) 142.39 g/mol 5) 145.62 g/mol	Accurate? Yes      No  Precise? Yes      No
Data Set 5—molar mass of neon 1) 45.67 g/mol 2) 19.02 g/mol 3) 39.02 g/mol 4) 20.20 g/mol 5) 0.56 g/mol	Accurate? Yes      No  Precise? Yes      No

