The following variables have been added to help detect trends in data using trending rules:

[Rst.TrendUp(#)] - shows upward trend based on user defined number of consecutive data points

[Rst.TrendDown(#)] - shows downward trend based on user defined number of consecutive data points

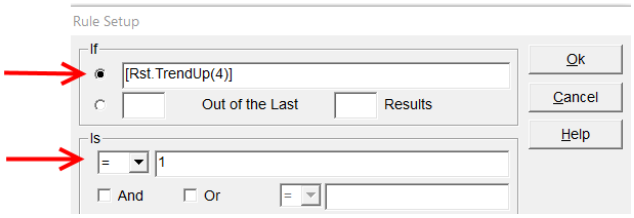
[Rst.Trend(#)] - shows upward or downward trend based on user defined number of consecutive data points

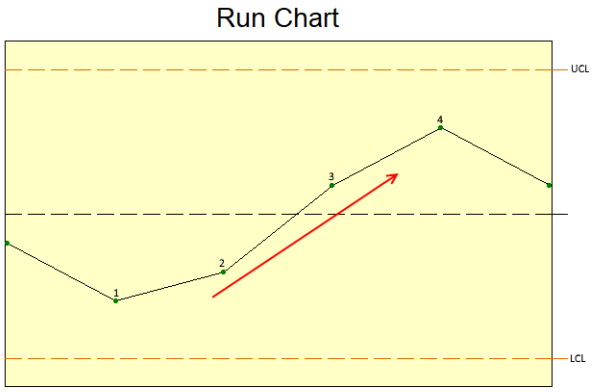
[Rst.TrendSawtooth(#)] - shows alternating upward and downward trend based on user defined number of consecutive data points

The value **1** is returned when the trend variable has been identified. This value will be used to trigger a rule.

Upward Trend [Rst.TrendUp(#)]
In this example, we are setting up a rule to identify an upward trend of four (4) consecutive data points

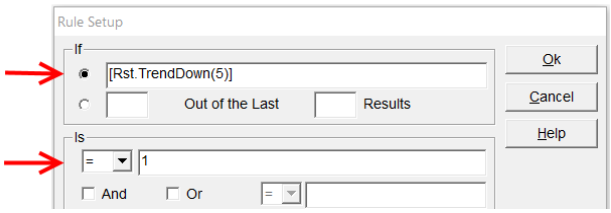
1. In the "If" section of the Rule Setup form, type the variable name, [Rst.TrendUp(#)], replacing the # with the number of trending data points.
2. Then, set the "Is" section to = 1

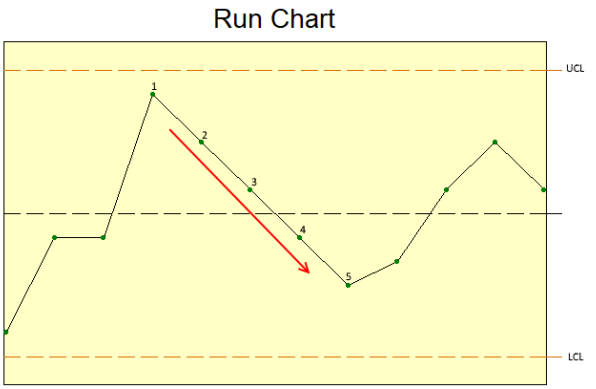




Downward Trend [Rst.TrendDown(#)]
In this example, we are setting up a rule to identify a downward trend of five (5) consecutive data points

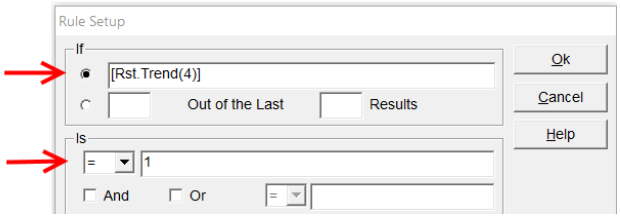
1. In the "If" section of the Rule Setup form, type in the variable name, [Rst.TrendDown(#)], replacing the # with the number of trending data points.
2. Then, set the "Is" section to = 1





Upward or Downward Trend [Rst.Trend(#)]
In this example, we are setting up a rule to identify an upward or downward trend of four (4) consecutive data points

1. In the “If” section of the Rule Setup form, type in the variable name, [Rst.Trend(#)], replacing the # with the number of trending data points.
2. Then, set the “Is” section to = 1



Sawtooth Trend [Rst.TrendSawtooth(#)]
In this example, we are setting up a rule to identify if there is a trend of five (5) consecutive data points alternating up and down.

1. In the “If” section of the Rule Setup form, type in the variable name, [Rst.TrendSawtooth(#)], replacing the # with the number of trending data points.
2. Then, set the “Is” section to = 1