

Explore Spirals with Living Worksheets®

The screenshot shows the SPIREM5 web application in Microsoft Internet Explorer. The browser address bar shows "J10" and the page title is "SPIREM5". The page content includes a control panel on the left with the following settings: Speed (1 to 20) set to 5, Start length set to 1, Increment set to 5, Angle set to 175, Steps set to 120, and Counter set to 121. Below the controls are "Go" and "Clear" buttons. A note states: "As only part of the spiral is displayed, you may wish to reduce the increment." The central area displays a dense, star-like spiral pattern. The right side of the page contains explanatory text: "Explore spirals with up to 36 iterations. Choose your own increment (how much it increases each time), and the angle it turns each step. Only part of some spirals may be displayed according to values given to the variables. Small drawing irregularities sometimes show due to the constraints of this format in Excel. Positive, negative, integer or decimal. What happens when the increment is 0? Try SL 50 Inc. 0 and Angle 90. This version shows the spiral being drawn. Have fun." The footer includes "© J.A.Ellis" and "Living Worksheets®".

Sketch and values respond to variable input. Real time drawing.

The screenshot shows the SPIREM5 web application in Microsoft Internet Explorer. The browser address bar shows "J13" and the page title is "SPIREM5". The page content includes a control panel on the left with the following settings: Speed (1 to 20) set to 5, Start length set to 1, Increment set to 30, Angle set to 175, Steps set to 120, and Counter set to 121. Below the controls are "Go" and "Clear" buttons. A note states: "As only part of the spiral is displayed, you may wish to reduce the increment." The central area displays a more complex, multi-layered spiral pattern. The right side of the page contains the same explanatory text as in the first screenshot. The footer includes "© J.A.Ellis" and "Living Worksheets®".