Graphing Independent and Dependent Variables: Axis Choice and Plotting Practice

Complete original worked example

A table shows hours worked and pay: (1, 12), (2, 24), (3, 36), (4, 48). Label the axes, choose a scale, and plot the points.

Answer: Independent variable: hours worked; dependent variable: pay. Horizontal axis label: Hours (h). Vertical axis label: Pay (dollars). Use 1 unit per grid interval on the horizontal axis and 12 units per grid interval on the vertical axis, or 1 unit per interval with a stated scale of 12 dollars per square. Plot (1,12), (2,24), (3,36), and (4,48). Each point is reached by moving right to the hours value and up to the pay value.