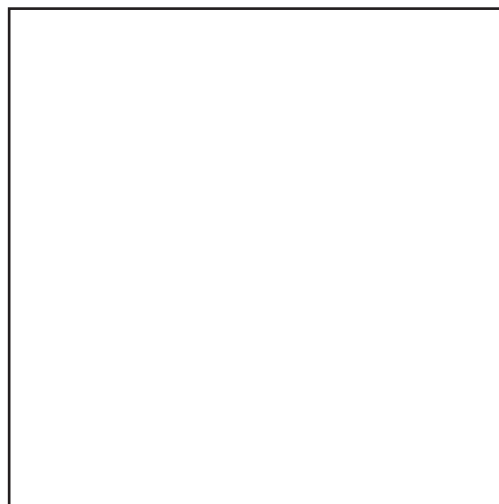# High Quality Clip Art
Board Games, Music and Crosswords

by Kell Gatherer

For reasons of space, these applications are only available on this month's magazine disc.

This collection of clip art covers the games of Chess and Draughts, musical notation and crossword creation. The board games clip art consists of a board, all the pieces for both sides, and in the case of the Chess board, numbers and letters round the sides of the board for referencing moves.

The Chess Set

The musical Draw file contains all the commonly used musical notations, including all the notes, accents, staves, clefs, braces, time signatures and more, and the notes can be copied and dragged in Draw to create any musical score required.

The crossword clip art consists of a blank crossword grid from which you can create your own crossword templates, and two example crosswords complete with clues and hidden answers.
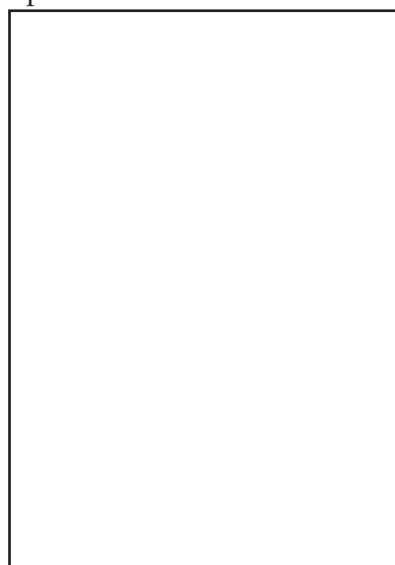
Cartesian Graph Plotter

by Brian Daulton

he Cartesian Graph Plotter application is a companion to the Polar Graph Plotter originally published on RISC User disc 5:3, and an enhanced version of this application is also included on this month's disc.

The Cartesian Graph Plotter allows Draw files containing graphs to be created. Graphs can be of the form $y=f(x)$ and $y^2=f(x)$, and up to five graphs can be drawn on the same axes. There is an option to include a grid, and the resolution of the graph can be determined by setting the x increment (i.e. the distance between each evaluation of the function). The ranges of the two axes can be entered, and the Draw file can be saved to any disc.

A very useful feature of the program is that if a graph has any vertical asymptotes then they are drawn automatically as dotted lines. All the options are entered through a dialogue box in the Desktop, and the program is written in the same style as the Polar Graph Plotter.

An enhanced version of the Polar Graph Plotter is also

Example Cartesian Graph
$y^2=x/1-x^2$

included on the disc. This allows the user to choose whether the radial axes should be drawn, whether the circular graduations should be drawn, and whether the graph should be plotted for negative values of R.

The clip art is of a very high quality indeed, and because the files are in Draw format, the art can be magnified without loss of detail.