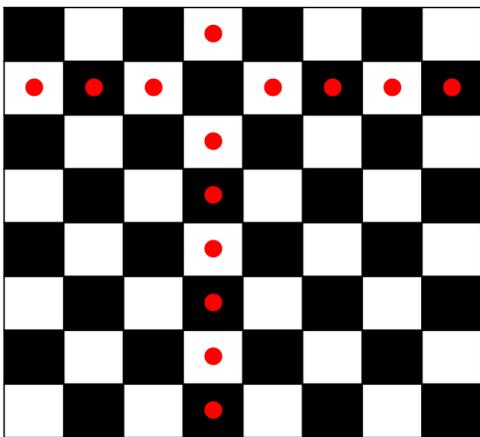


NUMBER CHART CHESS

The Rook

The pieces from a chess game have escaped from their chessboard and have been found on a 1-100 chart.



This task explores the moves of the Rook.

The Rook can move any number of squares along rows and columns.

How does the value of the numbers change as the Rook moves on the chart?

How can the rook get from 23 to 78 in two moves? How does the value of the numbers change as the rook moves? Record how the value of the numbers change as the rook moves.

How can the rook get from 23 to 78 in three moves? What is the longest path that you can find? What is the shortest? How does the value of the numbers change as the rook moves?

How can the rook get from 87 to 32? What about 83 to 49? What is similar and different about moving between these numbers? Record how the value of the numbers change as the rook moves.