Two dimensional manipulation puzzles include the movement of square pieces (e.g. *Fifteen*), rectangular pieces (e.g. *Traffic Jam*), rectilinear shaped pieces (e.g. *Neo Black and White*), pieces that can carry other pieces (e.g. *Trap*), balls (e.g. *Hungarian Rings*), and tokens (e.g. *TeeZ*), where sometimes movement may be mechanically assisted (e.g. *Top Spin*).

For the number of moves of a sliding block puzzle solution, cost metrics include:

**Unit:** \( \text{one move} = \) slide one piece one unit horizontally or vertically

**Straight-line:** \( \text{one move} = \) slide one piece any distance horizontally or vertically

**Rectilinear:** \( \text{one move} = \) slide one piece along a rectilinear path

*Note:* Sometimes, when noted (or in solutions provided with some puzzles), a piece may push other pieces while moving.