



Pentomino Solitaire

This is a game for one person.

Goal: Use pentomino pieces to cover a game board.

How to play: Cover a 6 inch by 10 inch grid with 12 pentomino pieces so there are no squares on the grid that are left uncovered and no places where part or all of a pentomino piece is outside the grid.

How the game ends: You have completed the game when you have successfully covered the entire game board with pentomino pieces.

Things to think about:

Can all of the pentomino pieces fit in a 6 inch by 10 inch area? How do you know?

Can you find more than one way to arrange the pieces so they fit exactly within the grid?

How many combinations can you find?

