

Bead Arrays (Finding factors)

I am learning to create arrays with a given number of beads.

Materials:

100 bead rack (10 rows of 10) per player, number cards within 100, writing space or 1 recording sheet per person

Directions:

1. On your turn:

a. Draw a number card

b. Build arrays on a bead rack using that many beads, recording each array. (For example, for the number 20, a player could have 4 arrays: 2×10 , 4×5 , 5×4 and 10×2)

c. The player who makes the most arrays with his or her number earns a point.

2. The first player to earn 4 points wins.

*Limit to numerals with at least one array that will fit on a 10 x 10 bead rack.

