



# Printables for “Bead Arrays”

KNPIG ID # M 4449.2 – BLUE

This file contains printables for a small group of students.

For each additional student print one recording sheet.

- 4 Recording Sheets

Teacher must supply students with 100 beadrack (10 rows of 10) per player, 1 cube with labels {0 rows of, 1 row of, 2 rows of, 3 rows of, 4 rows of, 5 rows of} and another cube with labels {2, 3, 4, 5, 6, 7},

**Teacher Note:** The amounts on the dice may vary, with amounts up to 10. Attend to how students count the beads. Is the student counting all of the beads in one row before counting the next? Does the student skip count? Does the student use previously counted arrays or known arrays as a reference or "chunk" rows rather than counting by 1s? Does the student use the commutative property (i.e. counting a 5 rows of 2 array by thinking of it as 2 groups of 5)?

# Bead Arrays

Name: \_\_\_\_\_

Array	Number Sentence	Record point if your array has the most beads
_____ rows of _____		Winner? _____
_____ rows of _____		Winner? _____
_____ rows of _____		Winner? _____
_____ rows of _____		Winner? _____
_____ rows of _____		Winner? _____
_____ rows of _____		Winner? _____
_____ rows of _____		Winner? _____
_____ rows of _____		Winner? _____
_____ rows of _____		Winner? _____

# Bead Arrays

Name: \_\_\_\_\_

Array	Number Sentence	Record point if your array has the most beads
_____ rows of _____		Winner? _____
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_____ rows of _____		Winner? _____
_____ rows of _____		Winner? _____
_____ rows of _____		Winner? _____
_____ rows of _____		Winner? _____
_____ rows of _____		Winner? _____
_____ rows of _____		Winner? _____
_____ rows of _____		Winner? _____

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_____ rows of _____		Winner? _____
_____ rows of _____		Winner? _____
_____ rows of _____		Winner? _____
_____ rows of _____		Winner? _____
_____ rows of _____		Winner? _____
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_____ rows of _____		Winner? _____
_____ rows of _____		Winner? _____
_____ rows of _____		Winner? _____
_____ rows of _____		Winner? _____
_____ rows of _____		Winner? _____
_____ rows of _____		Winner? _____