



Enrichments

Patterns, Functions, and Algebra

Grade 4

4. Exemplary Response

4	9	5	16
15	6	10	3
14	7	11	2
1	12	8	13

First I added the rows and columns with 3 numbers and subtracted each sum from 34. Then, I had some more rows and columns with three numbers, I added the numbers and subtracted from 34. I continued until I had all the missing numbers.

Scoring Tool: Reasoning in Mathematics Holistic Rubric

5. Exemplary Response

- a. 12, 14, 16 Adding 2 to preceding number.
- b. 87, 243, 729 Multiplying by 3 the preceding number.
- c. $\frac{5}{2}$, 3, $\frac{7}{2}$ Adding a $\frac{1}{2}$ to preceding number.

Scoring Tool: Communication in Mathematics Holistic Rubric