|  |
| --- |
| **Counting Behaviours/Strategies** |
| 1. Student makes a train of linking

cubes, but does not know thatrearranging the cubes does notchange the quantity (i.e., conservation of number). | 1. Student counts cubes by 1s to

determine how many in each part. | 1. Student skip-counts to determine

how many in each part, butcontinues to skip-count to countthe leftover cubes. | 1. Student fluently skip-counts by

factors of 10 to determine howmany in each part. |
| **Observations/Documentation** |
|  |  |  |  |
|  |  |  |  |
| **Decomposing Behaviours/Strategies** |
| 1. Student decomposes quantity

into two parts, but breaks trainrandomly to find different ways. | 1. Student finds many ways to

decompose quantity into two parts, but does not consider zero. | 1. Student uses patterns to

successfully find different ways todecompose quantity into two parts. | 1. Student uses known number

relationships to successfully findall possible ways to decomposequantity into two parts. 0 + 12 = 12 6 + 6 = 12 1 + 11 = 12 7 + 5 = 12 2 + 10 = 12 8 + 4 = 123 + 9 = 12 9 + 3 = 124 + 8 = 12 10 + 2 = 125 + 7 = 12 11 + 1 = 12 12 + 0 = 12  |
| **Observations/Documentation** |
|  |  |  |  |