**BLM 7.PR.7: Creating Word Descriptions of Patterns and Matching Relations**

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| **Variable**  Represents the quantity that changes in a step-by-step fashion, similar to a term value | **A Coefficient of *x***  Every *x* is multiplied or divided by this number | **A Constant**  A quantity always there, or always removed | **Variable**  Represents the total quantity after performing the operation(s) related to *x* | **Relation**  The combined symbolized pieces of the pattern |
| **Pattern in Words**  *BLM 7PR7 Creating Word Descriptions 1.jpgBLM 7PR7 Creating Word Descriptions 2.jpgExample:*  The number of chairs around one table ( ) is 4, around 2 tables pushed together ( ) is 6,  BLM 7PR7 Creating Word Descriptions 3.jpg  and around 3 tables pushed together ( ) is 8. | | | | |
| *t* = # of tables | 2 | + 2 | *c* – # of chairs | *c* = 2*t* + 2 |
| **Pattern in Words** | | | | |
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