**BLM 5–8.25: My Success with Mathematical Processes**

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Task \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| **What are the mathematical processes?** | **How do I know that I have been successful?** | **How have I shown my successes?** |
| **Communication** | * I use mathematical language and symbols that I already know and that I am learning. * I use real things, pictures, symbols, talking, writing, and thinking to communicate. |  |
| **Connections** | * I connect the math I am learning to math I already know. * I connect the math I am learning to my life. |  |
| **Mental Mathematics and Estimation** | * I can quickly figure out the answers to questions with numbers by thinking about how numbers work (and I don’t need to write down my steps). * I estimate to make sure my answer makes sense or when I don’t need an exact answer or measurement. |  |
| **Problem Solving** | * I listen to others, talk with others, and try many things when I am trying to answer a kind of question that I have never seen before. |  |

*(continued)*

**BLM 5–8.25: My Success with Mathematical Processes (continued)**

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| **What are the mathematical processes?** | **How do I know that I have been successful?** | **How have I shown my successes?** |
| **Reasoning** | * When doing math, I see patterns,  I use what I know to help me figure out something that I don’t know, and I think about my answers. |  |
| **Technology** | * I use calculators, computers, and other technology to   organize and show my work  figure out patterns  check something of which I am unsure  help me learn in new ways |  |
| **Visualization** | * I can make up, figure out, explain, and link together different pictures and 3-dimensional objects. * When thinking about numbers, I imagine them in my head. * When measuring, I know that sometimes I need an exact number and sometimes I need one that is close. |  |