

WORKSHEET #2

Interpreting the K-12 Standards for Mathematical Practice

Marcelletti, McCarthy, & Saunders (2013, p. 159). Reproduced with permission.

Directions: Below are the short versions of the K-12 Standards for Mathematical Practice; a full description of each Standard for Mathematical Practice is located in the Mathematics CCSS document. The goal of this study task is, based on reading and discussion of the full descriptions, to put these Mathematical Practices into your own words in ways that best apply to the grade levels and mathematics you and your colleagues teach.

1. Make sense of problems and persevere in solving them
2. Reason abstractly and quantitatively
3. Construct viable arguments and critique the reasoning of others
4. Model with mathematics
5. Use appropriate tools strategically
6. Attend to precision
7. Looking for and make use of structure
8. Look for and express regularity in repeated reasoning