Iowa Mathematics

Standards for Mathematical Practice: Grades 6–8

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