

| Task Background | |
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| Domain & Area: Mathematics - Number Sense | |
| Target CCR Standard(s) (including level of standard, if needed) and/or adult diploma competency for Science or Social Studies: | |
| <p>Number Sense (MN k-12 Academic Standards): ABE instruction in Levels D and E covering Number Sense (Demonstrated competency mastery in all Level D standards and at least one Level E standard in the CCRS for Number Sense).</p> | |
| <p>CCRS Number Sense Level D standards</p> <ol style="list-style-type: none"> 1. Apply and extend previous understandings of numbers to the system of rational numbers. 2. Apply and extend previous understandings of operations with fractions to add, subtract, multiply, and divide rational numbers. 3. Know that there are numbers that are not rational, and approximate them by rational numbers. 4. Understand ratio concepts and use ratio reasoning to solve problems. 5. Analyze proportional relationships and use them to solve real-world and mathematical problems. | |
| <p>CCRS Number Sense Level E standard</p> <ol style="list-style-type: none"> 1. <u>Extend the properties of exponents to rational exponents.</u> <ul style="list-style-type: none"> • Rewrite expressions involving radicals and rational exponents using the properties of exponents. (N.RN.2) | |
| <p>Task Description: The purpose of this task is for you to demonstrate knowledge around a fundamental concept in the area of mathematics - Number Sense.</p> <p>Follow the directions for the capstone activity carefully. The expectation is that you will complete the activities of this task mostly on your own.</p> | |
| Activities | |
| <p>Title: Number Sense Capstone</p> | <p>Directions: Answer all questions completely and show your work.</p> <p>Date Completed: _____</p> <p>Teacher Initials: _____</p> |