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| **Content: Math** | | | **Grade Level: 6th** |
| **Standard: 6.EE.7**  Solve real-world and mathematical problems by writing and solving equations of the form x + p = q and px = q for cases in which p, q and x are all nonnegative rational numbers. | | | |
| **I can statements:**   * I can use inverse operations and the properties of inequality to solve one-step equations using nonnegative rational numbers. * I can write and solve equations to represent real world problems. | | | |
| **Score 4.0** | **In addition to Score 3.0, in-depth inferences and applications that go beyond what was taught.** | | **Sample Activities** |
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|  | **3.5** | In addition to score 3.0 performance, in-depth inferences and applications with partial success. |  |
| **Score 3.0** | **The student can write and solve equations to represent real world problems.**  **The student exhibits no major errors or omissions.** | | An emperor penguin is 45 inches tall. It is 24 inches taller than a rock hopper penguin.  Write and solve an equation to find the height of a rock hopper penguin. *Answer: 45= h + 24; 21 in.*  Solve for x.  5  **Answer: 9 Units**    X  Area = 45 square units |
|  | **2.5** | No major errors or omissions regarding 2.0 content and partial knowledge of the 3.0 content. |  |
| **Score 2.0** | **There are no major errors or omissions regarding the simpler details and processes. However, the student exhibits major errors or omissions regarding the more complex ideas and processes.**  **Students can solve basic equations.** | | Solve the equation. b +7 + 12 = 30  Answer: b = 11 |
|  | **1.5** | Partial knowledge of the 2.0 content, but major errors or omissions regarding the 3.0 content. |  |
| **Score 1.0** | **With help, a partial understanding of some of the simpler details and processes and some of the more complex ideas and processes.** | |
|  | **0.5** | With help, a partial understanding of the 2.0 content, but not the 3.0 content. |
| **Score 0.0** | **Even with help, no understanding or skill demonstrated.** | |