**Mathematics**

**Power Standard 8:1 & 8:2**

**Summative Scoring Guide**

1. A
2. A
3. D
4. B
5. C
6. D
7. 2 points: Chose number that could be written as a product of the same factor and wrote it as a base with an exponent correctly. Ex: 64=4·4·4=43

1 point: Chose number that could be written as a product of the same factor and wrote it as a base with an exponent incorrectly OR chose base and exponent that did not produce a correct answer.

1. points: incorrect work and incorrect answer
2. 2 points: Chose number between 100 and 1000 and wrote it in standard form and in scientific notation correctly. Ex: 563=5.64·102

 1 point: Standard form correct but scientific notation wrong OR standard form wrong for scientific notation OR standard form and scientific notation correct, but number chosen is not greater than 10,000

 0 point: incorrect form for standard form and incorrect form for scientific notation.

9. 2 points : Hurt – 88% helps the average of the two tests

 1 point: Correct answer, wrong reason OR Wrong answer, correct reason

 0 points: wrong answer, wrong reason

10.

-4 -3 -2 -1 0 1 2 3 4

 2 points: number line numbered correctly and graphed numbers marked correctly.

 1 point: number line numbered incorrectly, but graphed numbers marked correctly OR number line numbered correctly, but graphed numbers marked incorrectly.

 0 points: number line numbered incorrectly and numbers graphed incorrectly.