NAME _____ DATE _____

82. The Fraction Name Game

★ Bighampton Butler Jones is concerned about his name. He thinks it weighs too much. Let's take a look at it and see for ourselves. Answer the questions below his name.

BIGHAMPTONBUTLERJONES

24₁ₐ. 9₁ₐ. 12₁ₐ. 16₁ₐ. 4₁ₐ. 14₁ₐ. 11₁ₐ. 22₁ₐ.3₁ₐ. 5₁ₐ.   24₁ₐ. 4₁ₐ. 22₁ₐ.15₁ₐ. 2₁ₐ. 5₁ₐ.   30₁ₐ. 3₁ₐ. 5₁ₐ. 2₁ₐ. 10₁ₐ.

1. What is the total weight of his name? _____

2. Use the weight of the "I" as the numerator (top) and the weight of one of the "B"s for a denominator (bottom). What fraction does this make? _____
   In simplest form: _____

3. Use the weight of the "G" for a numerator and the weight of one of the "B"s for the denominator. What fraction does this make? _____
   In simplest form: _____

4. Use the weight of an "N" for a numerator and the weight of an "S" for a denominator. What fraction does this make? _____
   In simplest form: _____

5. Use the weight of the "P" for the numerator and the combined weight of both the "T"s for the denominator. What fraction does this make? _____
   In simplest form: _____

6. Add the weight of the "M" to the weight of the "A" for a numerator and add the weight of the "L" to the weight of both the "B"s for a denominator. What fraction does this make? _____ In simplest form: _____

7. Use the weight of the "R" as the numerator and use the weight of the "N" subtracted from the weight of the "L" as the denominator. What fraction does this make? _____ In simplest form: _____

8. Combine the weight of the two "B"s and add it to the weight of the "J" as the numerator and use the total weight of his name as the denominator. What fraction does this make? ____._____ In simplest form: _____