Basic Math Homework #7

1) Simplify: $24 \div 8(-2-1) + 3^3 - 7^0$

2) Write the number 65,000,837,803 in words.

3) Simplify: $\sqrt[4]{81}$

4) Simplify: $12 \div 0$

5) How many eight ounce glasses can be filled from a 96 ounce bottle?

6) If a baseball team plays 54 games and loses 18, what fraction of the games did they win?

7) Is the number 323 prime or composite? If it is composite, what is its prime factorization?

8) Simplify: $\dfrac{546}{637}$

9) If a class consists of 24 students and 16 are boys, what fraction are boys?

10) Is the number 1638 prime or composite? If it is composite, what is its prime factorization?

11) Simplify: $\dfrac{462}{264}$

12) If a bag of 48 marbles contains 12 red marbles, what fraction of the marbles are not red?

13) Is the number 277 prime or composite? If it is composite, what is its prime factorization?

14) Simplify: $\dfrac{3094}{3315}$

15) If a 64 ounce steak consists of 24 ounces of fat, what fraction is fat?

16) Is the number 7038 prime or composite? If it is composite, what is its prime factorization?

17) Simplify: $\dfrac{1144}{1716}$

18) If a test consists of 100 points and a student earns a 72 on the test, what fraction of the points did the student earn?

19) Is the number 389 prime or composite? If it is composite, what is its prime factorization?

20) Simplify: $\dfrac{2261}{1615}$