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Topics for to work on during vacation-due 1/5/14

User name:_____

Password_____

Number theory-choose 4 or more

1. **N.3** Prime or composite
2. **N.4** Identify factors
3. **N.5** Prime factorization
4. **N.6** Prime factorization with exponents
5. **N.7** Greatest common factor
6. **N.8** Least common multiple
7. **N.9** GCF and LCM: word problems

Algebra-choose 3 or more

1. **P.1** Write variable expressions to represent word problems
2. **P.2** Evaluate variable expressions with whole numbers
3. **P.3** Solve word problems involving two-variable equations
4. **P.4** Evaluate variable expressions involving decimals, fractions, and mixed numbers
5. **P.5** Does x satisfy the equation?

Exponents and square roots-choose 2 or more

1. **E.1** Write multiplication expressions using exponents
2. **E.2** Evaluate exponents
3. **E.3** Exponents: solve for the variable