Assignment	# /
Name:	

1. (2) Find the prime factorization of 100.

- 3. (2) Give the formal definition of a prime number, i.e. "p is prime if and only if..."
- 4. (2) "The product of three prime numbers is prime".True/False? If true, give a proof. If false, give an example where it is false.
- 5. (2) If p,q,r, and s are distinct primes, how many different distinct divisors does pxqxrxs have? Explain.