**Mr. Connor: Prime Factorization**

Mr. Connor: What is the prime factorization? ... Everybody remember factor trees?

Student: Yes.

Mr. Connor: Okay, so what are two numbers that we can multiply to get 186?

Student: 2 and 93

Mr. Connor: 2 and 93. Is 2 a prime number?

Student: Yes.

Mr. Connor: But 93 is not. 2 numbers we can multiply to get 93?

Student: 3 and 31.

Mr. Connor: 3 and 31. Good. Is 3 a prime number?

Student: Yes.

Mr. Connor: Is 31 a prime number?

Student: No.

Mr. Connor: What other numbers besides 1 and 31 can we get, to multiply and get 31?

Student: 4?

Mr. Connor: 4 and what? So is 31 a prime number? So what is the prime factorization? Everybody see it? How many of you have never done factor trees before? Okay, so all of you should know how to do this.