Day 2

Inner Animal

Turn to someone sitting near you who you haven't met before (or who you haven't talked to much before). Take about 3 minutes to discuss:

If you could wake up tomorrow and be any (non-human) animal, what animal would you choose to be and why?

Arithmetic

1. "Suppose a, b and c are positive integers. If a and b both divide c, then ab also divides c."

This statement is...

- (A) True.
- (B) False.

- 2. Suppose n is an integer and n^2 is divisible by 3. Then...
- (A) *n* must be divisible by 3.
- (B) *n* must *not* be divisible by 3.
- (C) Can't say for sure either way.

3. "There exists an integer n such that $n^2 \mod 4 = 3$."

This statement is...

- (A) True.
- (B) False.

4. "There exist no integers x and y such that 21x + 30y = 1."

This statement is...

- (A) True.
- (B) False.