

Week 7 Friday

Make sure you're sitting next to someone!

Favorite Season

Make sure you know your neighbors' names. Then discuss:

What's your favorite season? Why?

Primes, Euler's Phi Function

1. The statement " $\phi(2n) = \phi(n)$ " is true for...

- (A) All positive integers n
- (B) Some positive integers n
- (C) No positive integers n

Binary Exponentiation, Primality Testing

2. Here are some integers:

11 15 19 25 29

How many of them are strong probable primes to base 7?

- (A) 2 of them
- (B) 3 of them
- (C) 4 of them
- (D) All of them