

Quiz 18B

1. Put the following in order using " \Rightarrow ":

UFD
PID
ED

2. Give 2 examples of a unique factorization domain.

3. In what type of domain are primes the same as irreducibles?

4. Let a, b be associates in an integral domain. How are $\langle a \rangle, \langle b \rangle$ related?