

Math 31: Quiz 8

Name: _____

Instructions: Answer the following questions without consulting any outside source (such as notes or the textbook).

1. Let D be an integral domain. A non-zero, non-unit $a \in D$ is called irreducible if:
2. Let D be an integral domain. Define a prime element of D .
3. True or False: All irreducible elements of an integral domain are also prime.

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