Quiz # 5

Name: Kex

You must show your work to get full credit.

1. Define n is an **even number** (see page 111 of the text).

(I will take n=21 for some integer. &

2. Define n is an **odd number** (see page 111 of the text).

1 is odd on = 2h+1 for some integer h.

(I will take n = 2 (integer) +1

3. Define n is **prime** (see page 112 of the text).

n is prime (n>) and if n Ecters

as n=rs with rsz)

then r=n or s=n.

4. Define n is **composite** (see page 112 of the text).

n 15 composite => n71 and for some intyes 1,5>1 in factors as n = rs.

5. Define n is a **perfect square** (see page 125 of the text). .

n 15 a partect square & n = 62 for