

Math 1303 - Math in the Liberal Arts

Quiz #5 - 2005.09.21

Solutions

1. Write U in set builder notation.

There are many ways to do this, here is one:

$$U = \{x|x \in \mathbb{Z}, 0 \leq x \leq 100\}$$

2. What is $n(U)$?

$$n(U) = 101$$

3. Is $5 \in U$?

Yes.

4. Is $\{72\} \in U$?

No.

5. Is $\emptyset \in U$?

No.