

Do not forget to write your name! Thanks.

Problem 1	Problem 2	Problem 3

02/03/23

**MATH412      Quiz 1**

1. Give the definitions of walks and trails. Is it true that  
a) every trail is a path?      b) every trail is a walk?

2. State in full the Havel-Hakimi Theorem on graphic sequences.

3. Give the definition of graph isomorphism. What is the best way to prove that two graphs are isomorphic?