

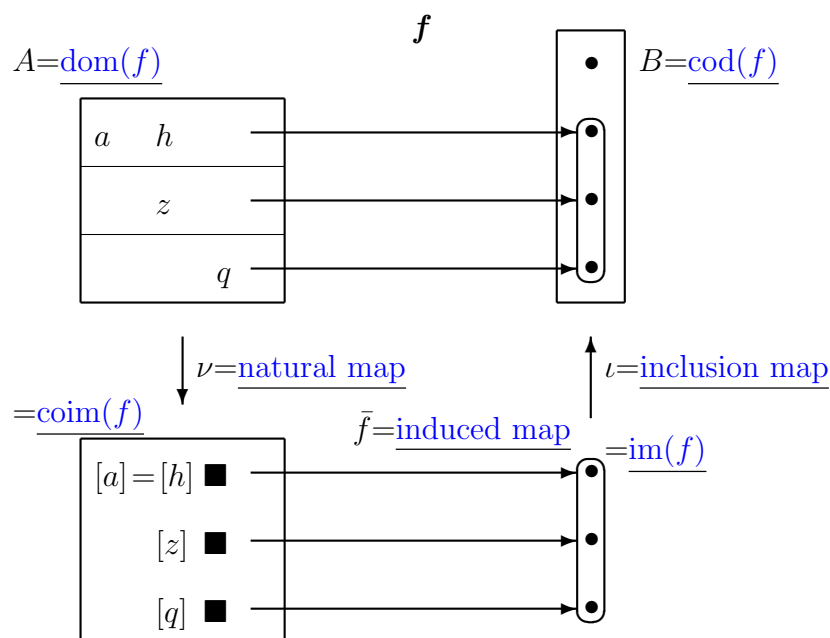
DISCRETE MATH

QUIZ 9

Name: _____

You have 10 minutes for this exam. If you have a question, raise your hand and remain seated. In order to receive full credit your answer must be **complete**, **legible** and **correct**.

1. Fill in the appropriate blanks with: $\text{dom}(f)$, $\text{cod}(f)$, $\text{im}(f)$, $\text{coim}(f)$, natural map, inclusion map, induced map.



2. Define *equivalence relation*.

An *equivalence relation* is a binary relation that is reflexive, symmetric and transitive.