

# MTH 427 Quiz 1 Fall 2024

$$A = \{\text{green}, \star\}, B = \{A, 4\}$$

$$A \cup B = \{\text{green}, \star, A, 4\}$$

$$A \cap B = \emptyset$$

$$A \times B = \{(\text{green}, A), (\text{green}, 4), (\star, A), (\star, 4)\}$$

$$B \times A = \{(A, \text{green}), (A, \star), (4, \text{green}), (4, \star)\}$$