Name:

Matrix Properties

Directions: Use the following matrices to prove or disprove the following properties in the matrix world.

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# Commutative Property of Multiplication

# Associative Property of Addition

# Associative Property of Multiplication

# Left-Hand Distributive Property

# Identity Property of Addition (You will need to develop the 2x2 additive identity matrix)

# Identity Property of Multiplication (You will need to develop the 2x2 multiplicative identity matrix)