

## Chapter 2.5

### List of Key Terms

Distributive Property

$$\mathbf{A}(\mathbf{B} + \mathbf{C}) = ?$$

$$(\mathbf{A} + \mathbf{B})(\mathbf{C} + \mathbf{D}) = ?$$

Associative Property

Transpose of Product

$$(\mathbf{ABC})^T = ?$$

$$(\alpha \mathbf{A})^T = ?$$

Inverse of Transpose,  $\mathbf{A}^{-T} = ?$

Partitioned Matrix

Multiply Partitioned Matrices