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CECS 323 – David Brown

**Relational Algebra**

1. List all rows from Customer

**Customer**

1. List all ProductLines and their Products

**πproductLines, Products (Products)**

1. List all ProductNames where the ProductLine is MotorCycles

**πproductNames (σProductLine=’Motorcycles’ (ProductNames))**

1. List the Vendor for the 1968 Ford Mustang

**πproductVendor (σproductName=’1968 Ford Mustang’ (Products))**

1. List the Order Number, Order Status where the Order Status is Resolved or Canceled

**πorderLineNumber, status (σstatus=’Resolved’ ⋁ status=’Canceled’ (Orders))**

1. List the Order Number and Shipped Date for Orders that the Order Status is Shipped and the Shipped Date is greater than Required Date

**πorderLineNumber, shippedDate (σstatus=’Shipped’ ⋀ shippedDate > requiredDate(Orders))**

1. List the ProductName and Quantity in Stock where the BuyPrice is greater than the MSRP

**πproductName, quantityInStock (σbuyPrice > MSRP (Products))**