

B-22.05

Monument Golf Markers produces granite tee box signs. These monuments are etched with an image of the golf hole, distance to green, and other information. Each monument typically requires 1,200 pounds of granite. The standard cost for granite is estimated at \$260 per ton (2,000 pounds). During a recent month, 600 monuments were constructed. The company purchased and used 350 tons of material at a cost of \$275 per ton.

Compute the total variance for materials, and determine how much is related to price and how much is related to quantity.