Problem of the Week

Problem E

Coffee Sales

For the months of April, May and June, Coffee Only sold coffee for $2.50 per cup. In May, they sold \(y\%\) more cups of coffee than in April, where \(y \geq 0\). In June, they sold \(y\%\) fewer cups of coffee than in May.

Their records for sales in May were misplaced. They sold $31,250 worth of coffee in April. In June they sold $30,800 worth of coffee.

Determine the total value of the coffee they sold in May.