

Allyn and Belamarich Bread Baking

| Type of bread: | ow calorie | High fiber | White | Total |
|-----------------------|------------|------------|-----------|-------------|
| Cases produced | 30,000 | 20,000 | 50,000 | 100,000 |
| Hours per case | 0.25 | 0.32 | 0.33 | |
| Cost per case | \$17 | \$23 | \$27 | |
| Price per case | \$42 | \$40 | \$45 | |
| Revenues | ### | \$800,000 | ### | \$4,310,000 |
| Costs | \$510,000 | \$460,000 | ### | \$2,320,000 |
| Profit | \$750,000 | \$340,000 | \$900,000 | \$1,990,000 |
| Person hours to produ | 7,500 | 6,400 | 16,500 | 30,400 |

Constraints

| | |
|--|---|
| Meet production quota for low calorie? | 1 |
| Acceptable ratio of high fiber to low calori | 0 |
| Acceptable ratio of white to low calorie? | 0 |
| Within limits for person hours used? | 1 |