

MAT.1420 – Mathematics for Elementary Teachers I
Extended Response Problem Solving IV

Name _____ Date _____

Your response for this problem will be assessed using the ISAT scoring rubric: Mathematical Knowledge, Strategic Knowledge, and Explanation. Be sure to assess your own work before submitting it in class. Submit your polished solution on this paper (use back if necessary).

In a certain school, $\frac{5}{9}$ of the teachers are female, $\frac{3}{8}$ of the male teachers are single, and $\frac{1}{3}$ of the single males are at least 50 years old. What fraction of the teachers are single males under 50?