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**Story Problem Solving**

Solve each problem together with your group. Show all of your work for solving each problem.

1. **Three students conduct the same survey about the number of hours people sleep at night. The results of the number of people who sleep 8 hours a nights are shown below. In which person’s survey did the most people sleep 8 hours?**

**• Susan reported that 18 of the 48 people she surveyed get 8 hours sleep a night**

**• Kenneth reported that 36% of the people he surveyed get 8 hours sleep a night**

**• Jamal reported that 0.365 of the people he surveyed get 8 hours sleep a night**

1. **You want to hang a poster that is** $3\frac{1}{4}$ **inches wide in the center of a bulletin board that is** $14\frac{1}{2} $ **inches wide. How far from the edge of the bulletin board will you place the poster?**
2. **Roberto earns $8.25 per hour planting flours for Dearborn Public Schools. He works for** $4\frac{1}{3}$ **hours on Wednesday and** $2\frac{3}{5} $ **hours on Friday. How much money does Roberto earn?**
3. **Julia makes $36 an hour. She gets a 10% raise. She works 40 hours a week. How much more money will she make this week as a result of her raise?**