

Name: _____

Date: _____

Unit 6 Review #1

Solve each problem. Your answers should be in simplest form when possible.

1. Valerie planted $\frac{5}{12}$ of a garden with red roses. She planted $\frac{2}{12}$ of the garden with pink daffodils and $\frac{2}{12}$ of the garden with yellow daisies. What part of the garden was planted with flowers? Prove your answer by using a drawing.

2. So far, the Madison basketball team has won $\frac{6}{20}$ of their games. They lost $\frac{4}{20}$ of their games and tied $\frac{2}{20}$ of their games. What portion of their game schedule have they not yet played?

3. The Marcus theatre seats 400 people. Two hundred of the seats are burgundy. One hundred of the seats are light red and the rest of the seats are black. What fraction of the seats are black?

4. The Sustainable Me, Sustainable World members ordered a pizza to eat together. Troy ate $\frac{3}{8}$ of the pizza. Kaleb ate $\frac{2}{8}$ of the pizza. Alayna and Malayna each ate $\frac{1}{8}$ of the pizza. How much of the pizza was left over for Mrs. Schoen?

5. Jasmine has $6\frac{1}{4}$ chapters left in her book, Insurgent. She reads $1\frac{3}{4}$ chapters before bed. How many chapters does she have left?

6. Mrs. Geiser has a $8\frac{1}{4}$ percent interest rate on her credit card. What would her interest rate be if she lowered it by $\frac{3}{4}$ percent?