Multiplying and Dividing Fractions

Write the expression used to solve the problems below. Then SOLVE. *SWOOP!!*

1. If a purse requires $\frac{1}{4}$ yard of material, how many purses cab be made from 9 yards?

2. A batch of brownies requires $1\frac{1}{2}$ cups of sugar. How many batches can Jessi make with $7\frac{1}{2}$ cups of sugar?

3. Marla has read $\frac{1}{2}$ of a book. Mark has read $\frac{1}{2}$ as much as Marla. What fraction of the book has Mark read?

4. It takes Robert $8\frac{1}{3}$ minutes to run one mile. It takes Cassie $1\frac{1}{5}$ times longer. How long does it take Cassie to run one mile. Hint---It will help to "cross simplify"

5. Aman has joined the cross-country team and can run at a rate of $\frac{1}{7}$ mile each minute. How long will it take him to run the 5 mile race?

6. One sixth of the students at Texas State University are seniors. The number of freshman is $2\frac{1}{2}$ times that amount. What fraction of the students are freshman?