Multiplying Fractions Word Problems

1) Liam, an art student, took $1\frac{3}{4}$ hours to draw and paint a landscape. To sketch a portrait of a woman, he took $2\frac{1}{2}$ times as many hours as he did for the landscape. How long did Liam take to complete the portrait?



Reece bought a dresser and a bookshelf. The height of the dresser was $4\frac{4}{6}$ feet. If the height of the shelf was $1\frac{1}{4}$ times as much as the dresser, how tall was the bookshelf?