

2017 National FFA Horse Evaluation Feed Calculation Practical Activity

Team _____

The most common feeding problem that has been identified by horse producers is figuring what percent of a given nutrient is in a mixed ration. Please answer the following questions below with the information provided. You have ordered a bulk feed that contains **500 pounds of oats, 400 pounds of corn, and 30 pounds of soybean meal.**

Table 1.

<u>Feedstuff</u>	<u>%Protein in Feedstuff</u>
Oats	11.8%
Corn	8.8%
Soybean Meal	45.7%

1. Please calculate the protein in mix of **oats**. (hint: this calculation should be in pounds)
2. Please calculate the protein in mix of **corn**. (hint: this calculation should be in pounds)
3. Please calculate the protein in mix of **soybean meal**. (hint: this calculation should be in pounds)
4. Please calculate the **total** protein in mix. (hint: this calculation should be in pounds)
5. Please calculate the **total percent** protein in the mixture. (hint: this calculation should be converted and expressed as a percent)