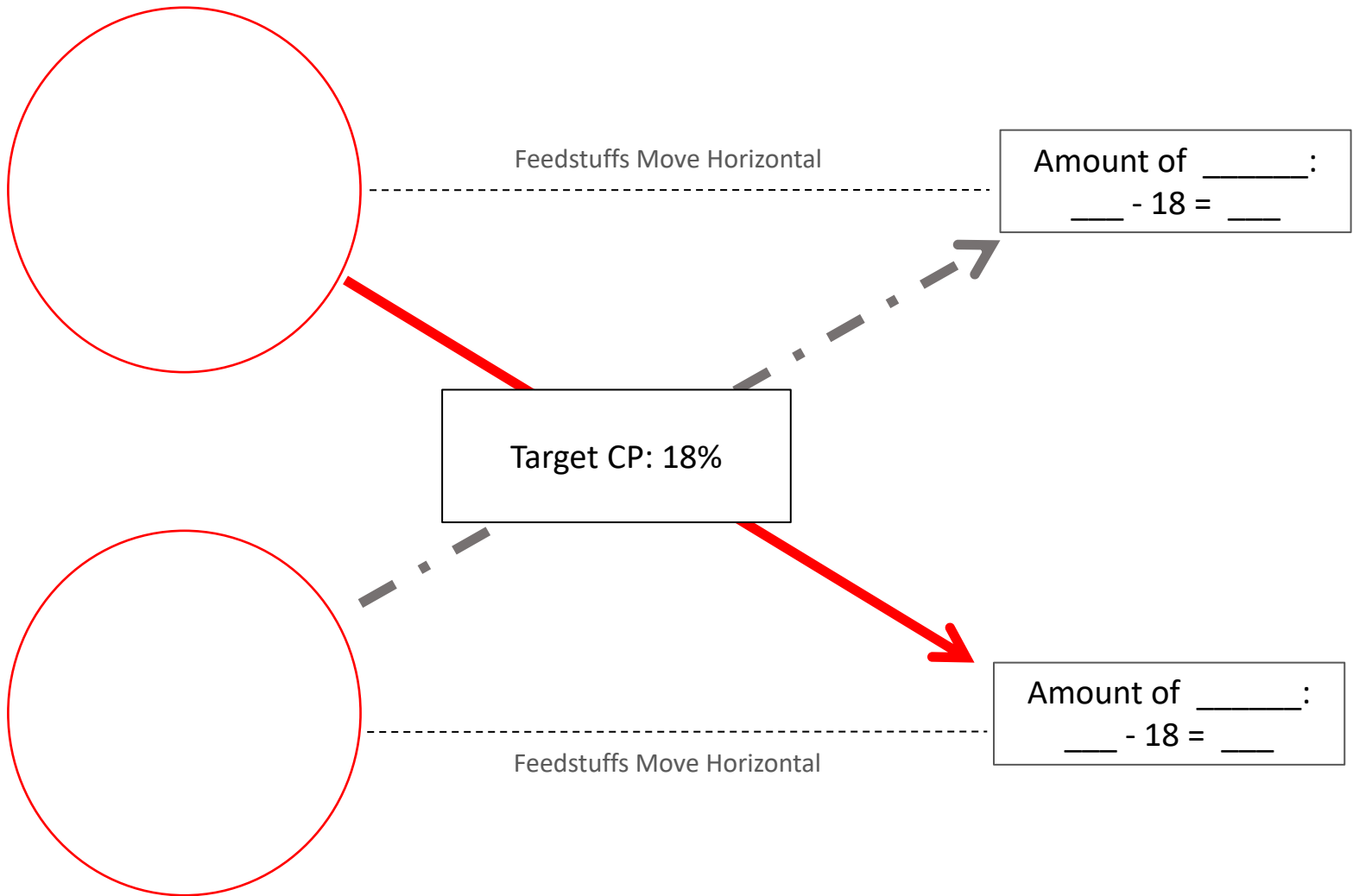


Pearson Square Example Scenario

- I am feeding a market hog for my county fair who requires a diet with 18% Crude Protein (CP).
- I have corn (9% CP) and soybean meal (45% CP).
- How much of each ingredient should I mix together?

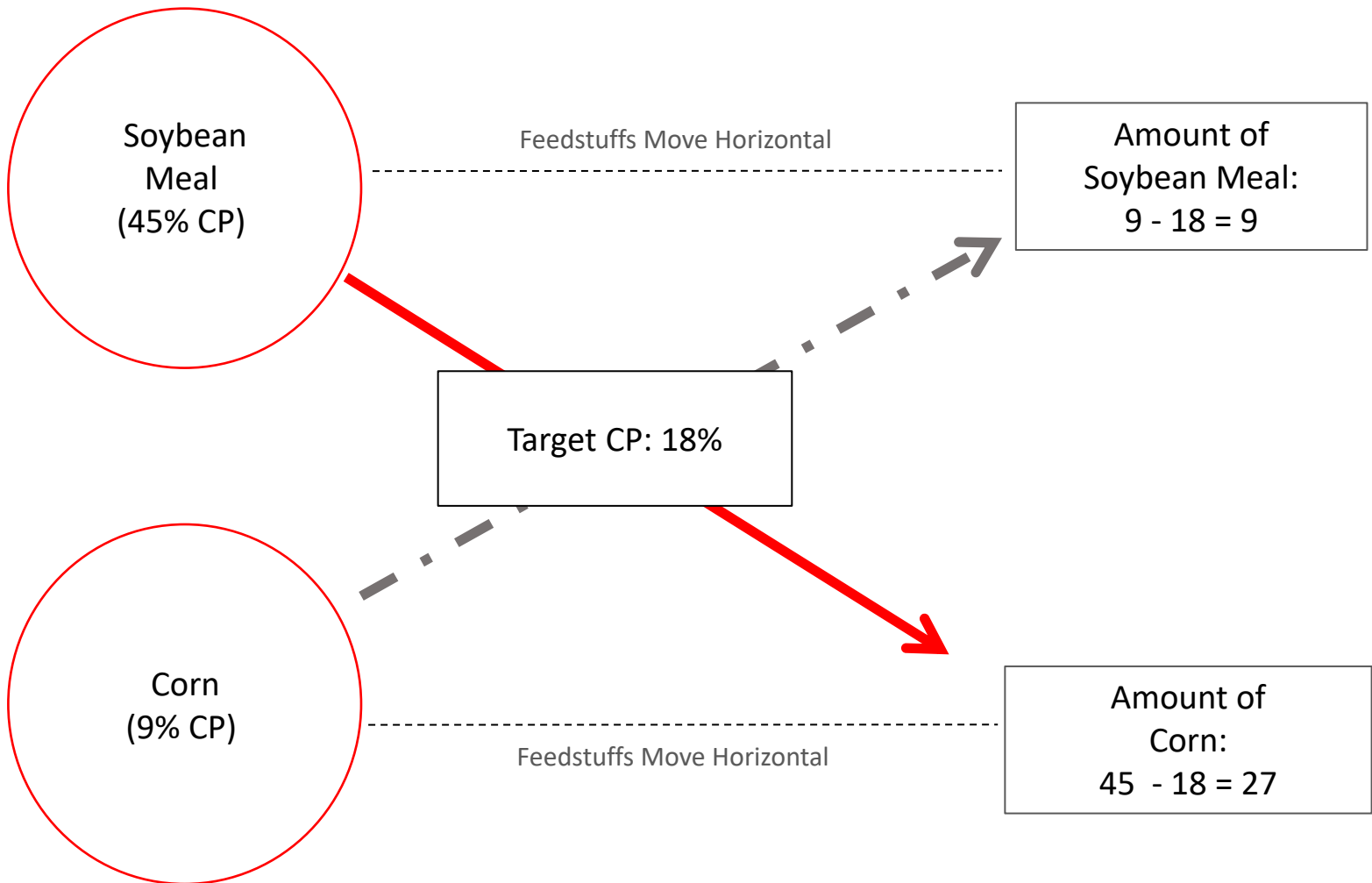


- 1) Subtract feed CP from target for each feed (ignore the negative)
- 2) The difference is the units needed for opposite feed
- 3) Divide feedstuff units by summed total units
- 4) Multiply x 100 to get percent inclusion of each feed

See answer on back.

Example Scenario Answer Key

- I am feeding a market hog for my county fair who requires a diet with 18% Crude Protein (CP).
- I have corn (9% CP) and soybean meal (45% CP).
- How much of each ingredient should I mix together?



- 1) Subtract feed CP from target for each feed (ignore the negative)
 - 1) Amount of Soybean Meal: $9 - 18 = 9$
 - 2) Amount of Corn: $45 - 18 = 27$
- 2) The difference is the units needed for opposite feed
- 3) Divide feedstuff units by summed total units
 - 1) $27 + 9 = 36$
 - 2) $9 / 36 = 0.25$ Soybean Meal
 - 3) $27 / 36 = 0.75$ Corn
- 4) Multiply x 100 to get percent inclusion of each feed
 - 1) $(9 / 36) \times 100 = 25\%$ Soybean Meal
 - 2) $(27 / 36) \times 100 = 75\%$ Corn

ANSWER:
I need 25% Soybean Meal and 75% Corn to get my 18% Crude Protein Feed.