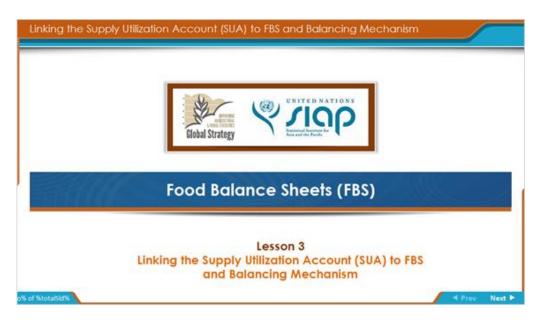
Food Balance Sheets (FBS) - Module3

1. Module 3

1.1 Welcome

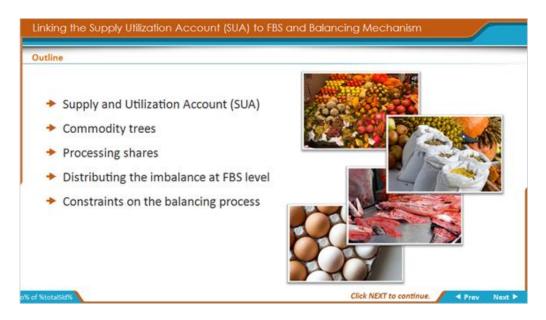


1.2 Lesson objective

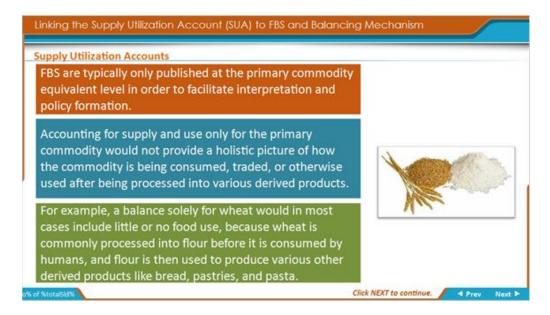


Notes:

1.3 Outline

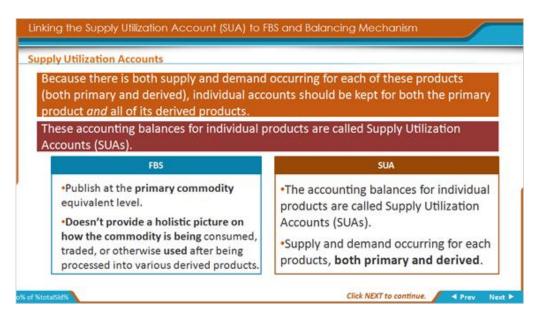


1.4 Supply Utilization Accounts

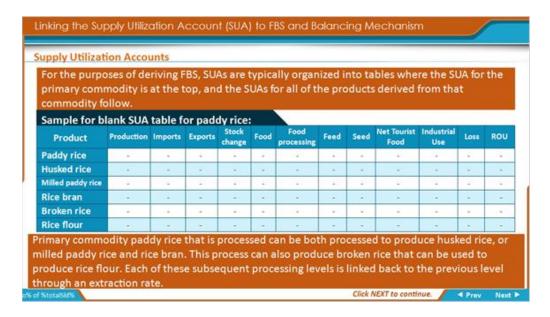


Notes:

1.5 Supply Utilization Accounts

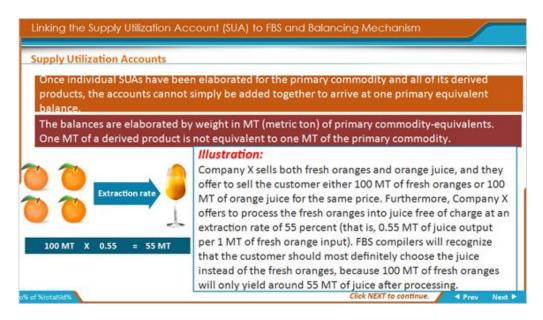


1.6 Supply Utilization Accounts

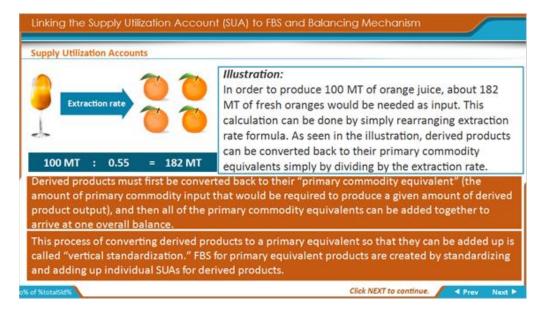


Notes:

1.7 Supply Utilization Accounts

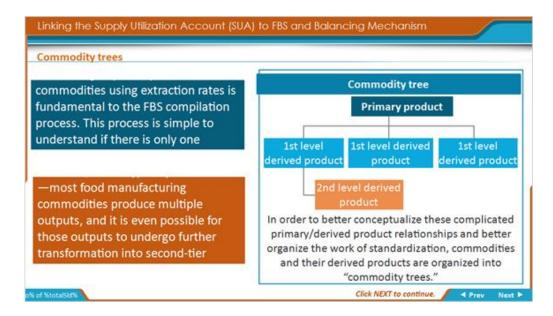


1.8 Supply Utilization Accounts

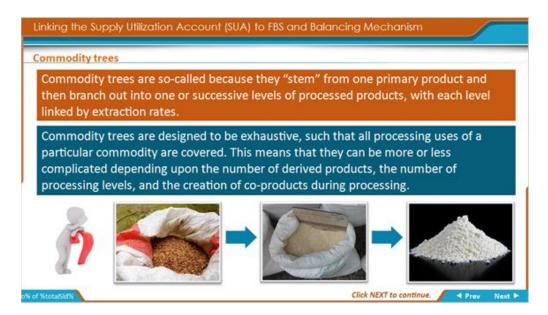


Notes:

1.9 Commodity trees

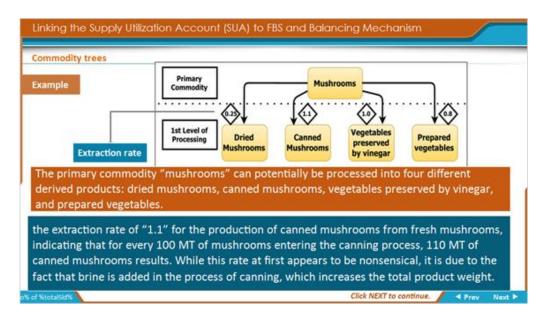


1.10 Commodity trees

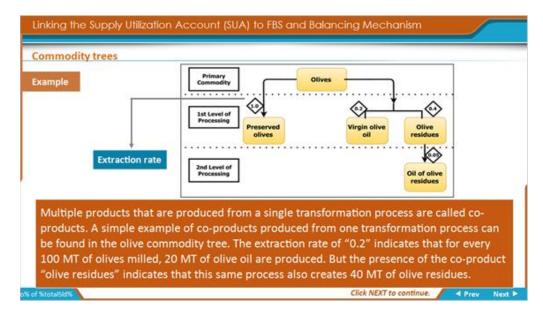


Notes:

1.11 Commodity trees



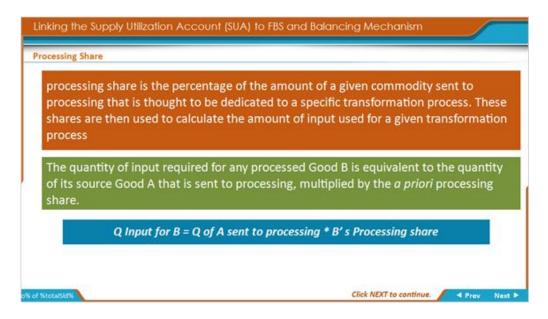
1.12 Commodity trees



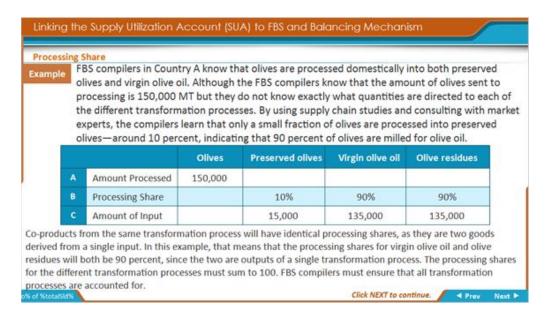
Notes:

The tree structures for nearly all commodities that undergo processing are available on FAO's website. Countries are encouraged to review those trees and update them as necessary for their purposes. These factors are contained within the document, Technical Conversion Factors for Agricultural Commodities, available here: http://www.fao.org/fileadmin/templates/ess/documents/methodology/tcf.pdf.

1.13 Processing Share



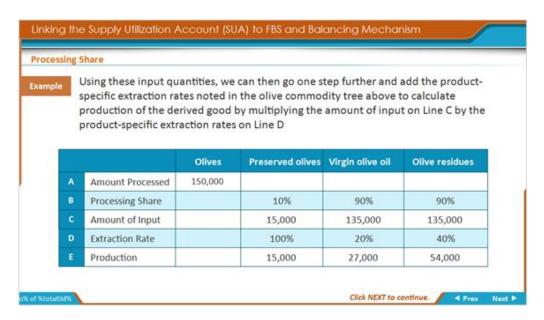
1.14 Processing Share



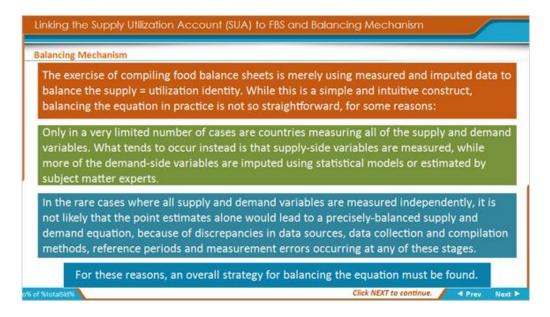
Notes:

For this example, although there are three output goods, there are only two transformation processes, so we only need to add the 10 percent processing share for preserved olives and the 90 percent processing share for olive oil as a check here.

1.15 Processing Share

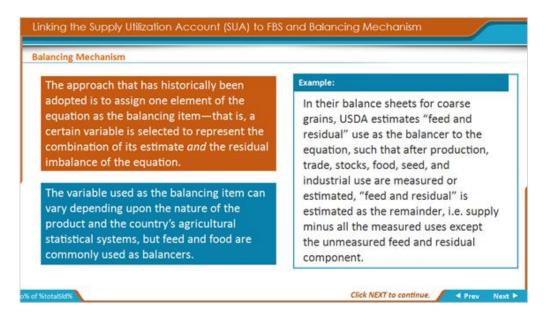


1.16 Balancing Mechanism

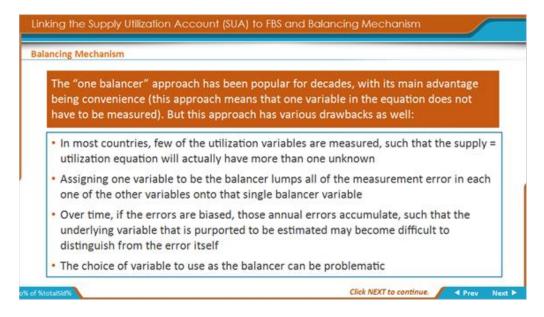


Notes:

1.17 Balancing Mechanism

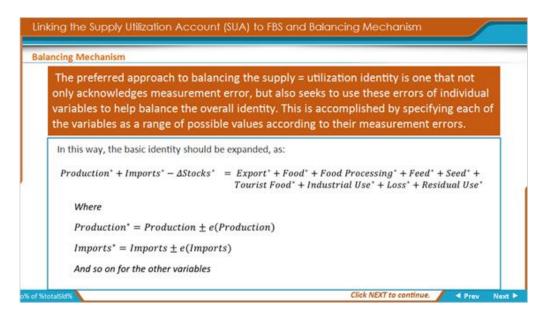


1.18 Balancing Mechanism

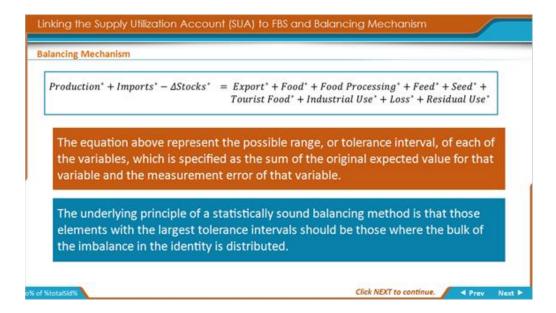


Notes:

1.19 Balancing Mechanism



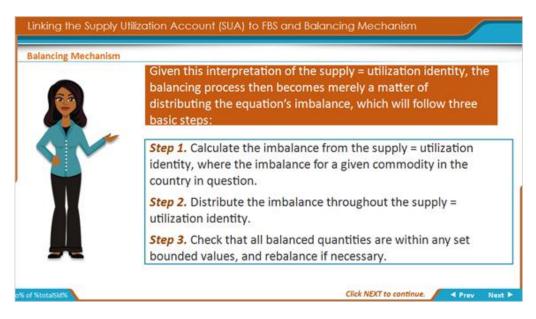
1.20 Balancing Mechanism



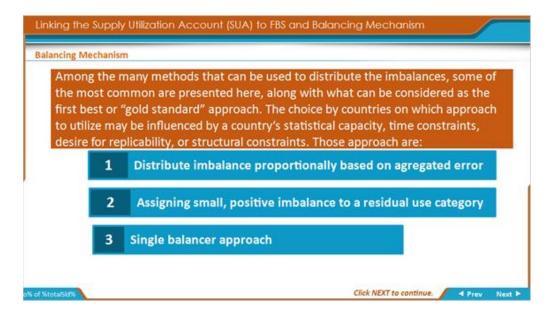
Notes:

Further guidance on the estimation of these tolerance intervals is detailed in the next lesson

1.21 Balancing Mechanism

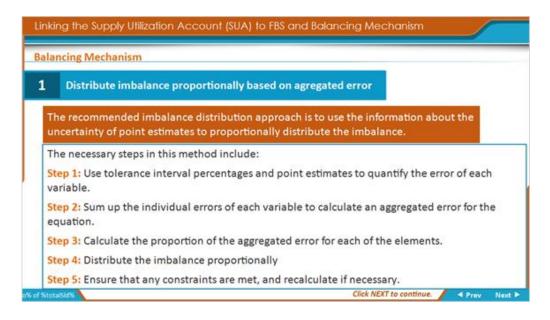


1.22 Balancing Mechanism



Notes:

1.23 Balancing Mechanism

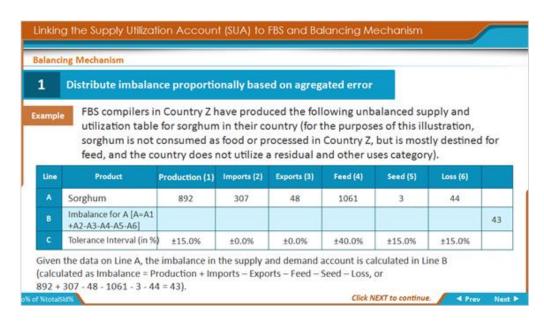


Notes:

If the quantity for a given variable should remain fixed because it is an official estimate, a tolerance interval of zero can be assigned.

Negative imbalance indicates that production and import variables must be increased and the remaining variables must be reduced from their pre-balanced values, while the opposite is true for a positive imbalance.

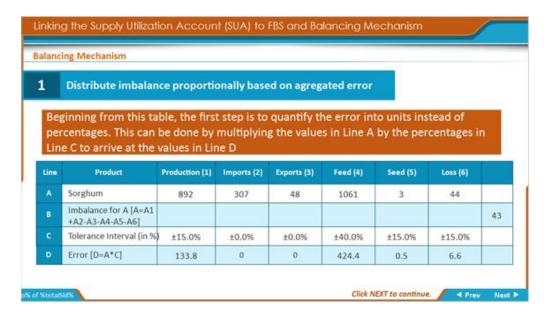
1.24 Balancing Mechanism



Notes:

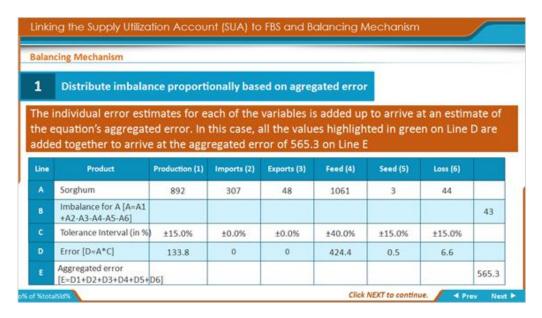
Several variables have been eliminated from this short example, for simplicity's sake

1.25 Balancing Mechanism

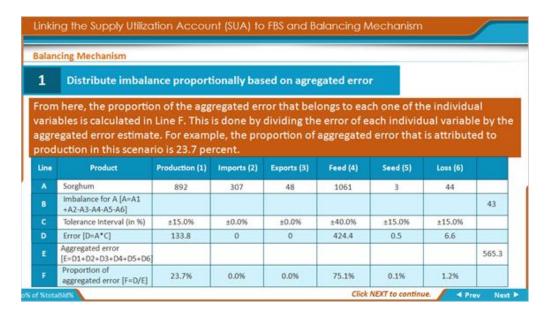


Notes:

1.26 Balancing Mechanism

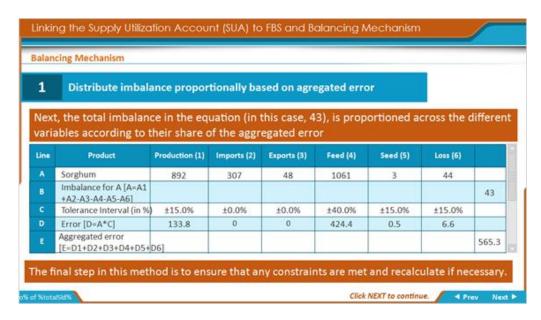


1.27 Balancing Mechanism



Notes:

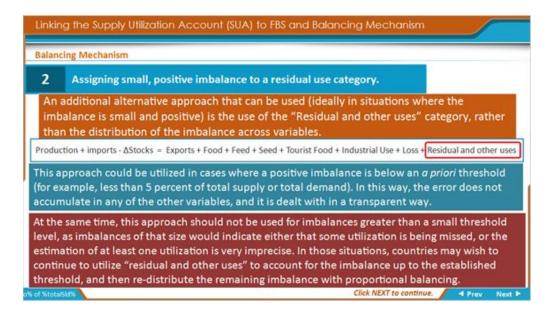
1.28 Balancing Mechanism



Notes:

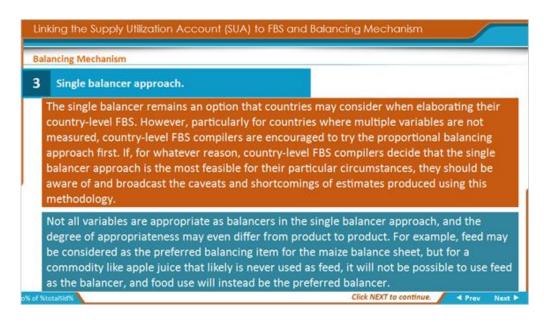
In this particular simplification, no values violate any constraints, so no rebalancing is necessary and the account can be considered to be balanced.

1.29 Balancing Mechanism

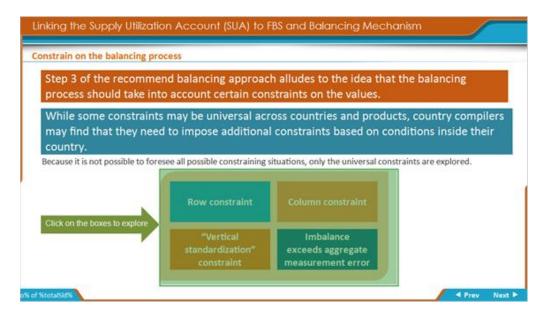


Notes:

1.30 Balancing Mechanism

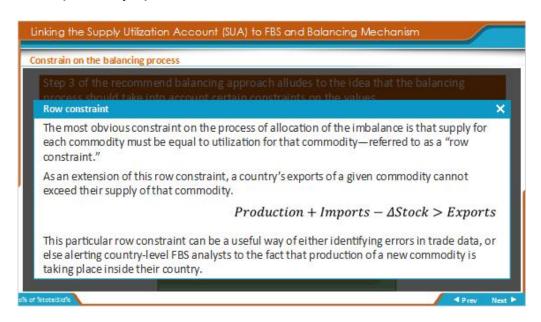


1.31 Constrain on the balancing process

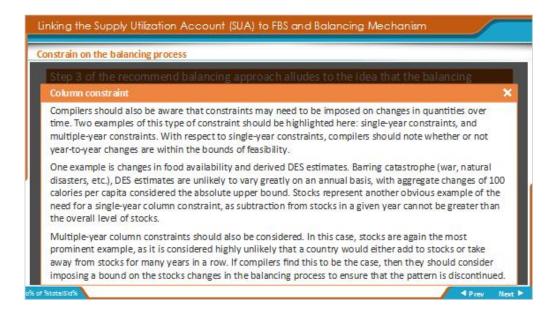


Notes:

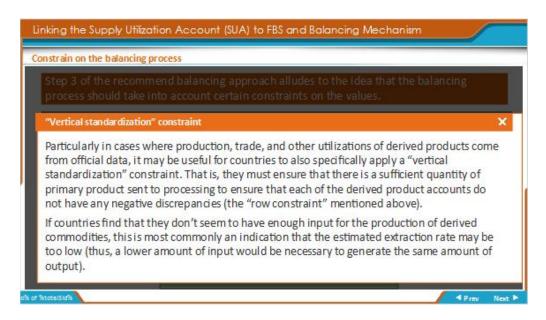
Tab 1 (Slide Layer)



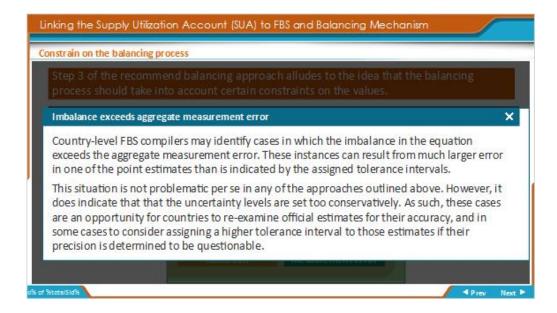
Tab 2 (Slide Layer)



Tab 3 (Slide Layer)

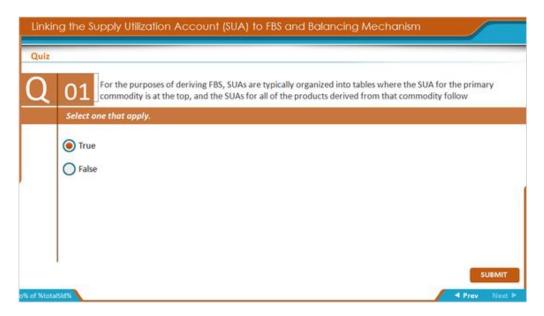


Tab 4 (Slide Layer)



1.32 Quiz 1

(Multiple Choice, 10 points, 1 attempt permitted)



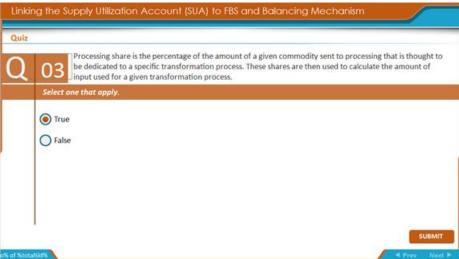
Feedback when correct:

That's right! You selected the correct response.

1.33 Quiz 2

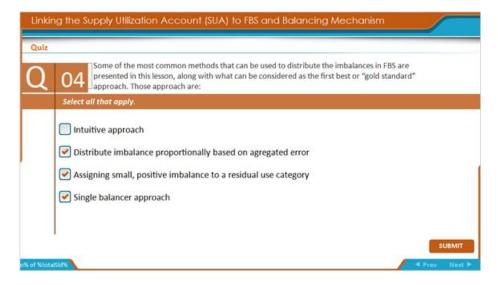
(Multiple Choice, 10 points, 1 attempt permitted)





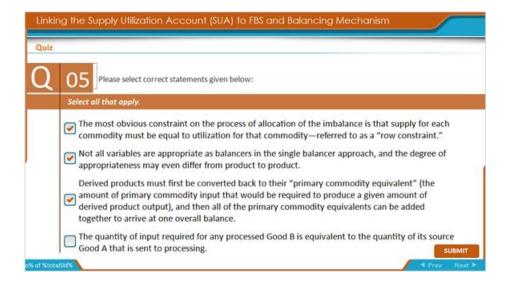
1.35 Quiz 4

(Multiple Response, 10 points, 2 attempts permitted)

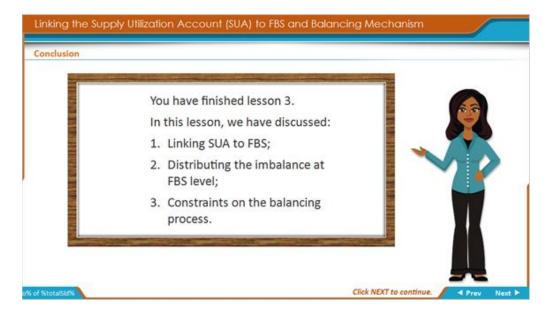


1.36 Quiz 5

(Multiple Response, 10 points, 2 attempts permitted)



1.37 Conclusion



Notes:

1.38 Thank You

