



Test Construction

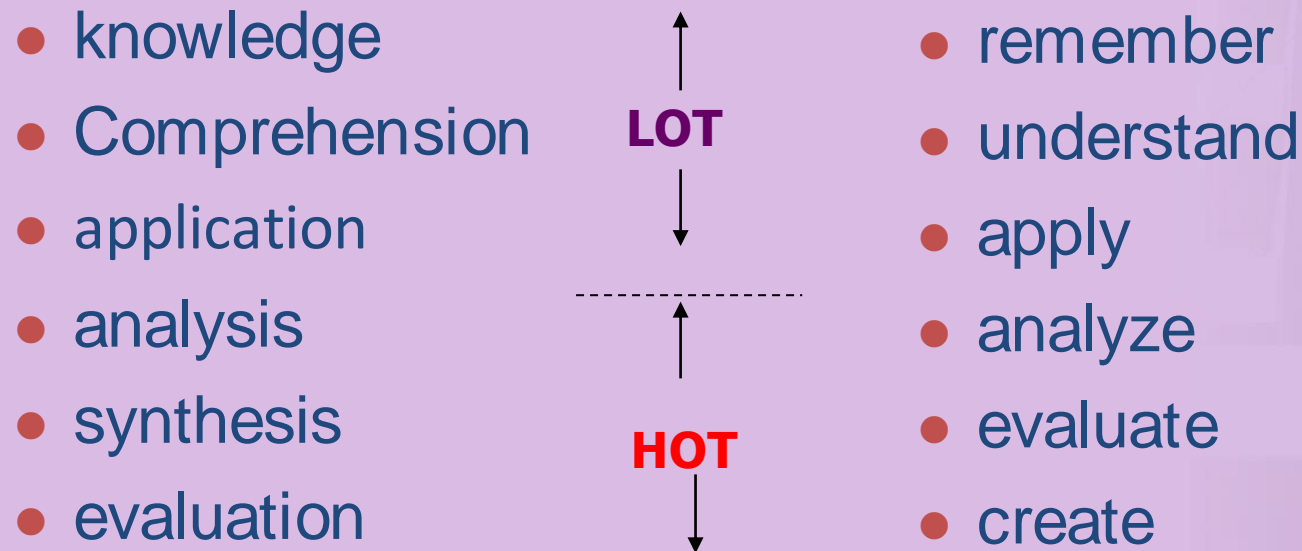
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Revised Bloom's Taxonomy

- Gives slightly different names to the six levels of the hierarchy



- The last two categories have been reversed, putting create as the most complex level.



Action Verbs for Knowledge

Tell
List
Describe
Relate
Locate

Write
Find
State
Name

Source: <https://www.mandela.ac.za/cyberhunts/bloom.htm>



Action Verbs for Comprehension

Explain
Interpret
Outline
Discuss
Distinguish

Predict
Restate
Translate
Compare
Describe

Source: <https://www.mandela.ac.za/cyberhunts/bloom.htm>



Action Verbs for Application

Solve
Show
Use
Illustrate

Construct
Complete
Examine
Classify

Source: <https://www.mandela.ac.za/cyberhunts/bloom.htm>



Action Verbs for Analysis

Analyze
Distinguish
Examine
Compare
Contrast

Investigate
Categorize
Identify
Explain
Separate
Advertise

Source: <https://www.mandela.ac.za/cyberhunts/bloom.htm>



Action Verbs for Synthesis

Create
Invent
Compose
Predict
Plan

Construct
Design
Imagine
Propose
Devise
Formulation

Source: <https://www.mandela.ac.za/cyberhunts/bloom.htm>



Action Verbs for Evaluation

Judge
Select
Choose
Decide
Justify
Debate
Verify

Argue
Recommend
Assess
Discuss
Rate
Prioritise
Determine

Source: <https://www.mandela.ac.za/cyberhunts/bloom.htm>



Example of Question for Knowledge

Which units are metric measurements of length?

A. Meters

B. Liters

C. Grams

D. Pounds



Example Question for Comprehension

How many kilometers are in 4000 meters?

A. $\frac{1}{4000}$

B. $\frac{1}{400}$

C. 4

D. 40



Example Question for Application

Who is the tallest?

Name	Amy	Beth	Carol	Jane
Height (cm.)	152	150	154	151

A. Amy

B. Beth

C. Carol

D. Jane



Example Question for Analysis

Who is taller than 151 cm., but shorter than 153 cm.?

Name	Amy	Beth	Carol	Jane
Height (cm.)	152	150	154	151

A. Amy

B. Beth

C. Carol

D. Jane



Example Question for Synthesis

For women, ideal body weight (in kilograms) is $49 \text{ kg} + 1.7 \text{ kg}$ for each inch over 152 cm.
(1 inch = 2.54 cm.)

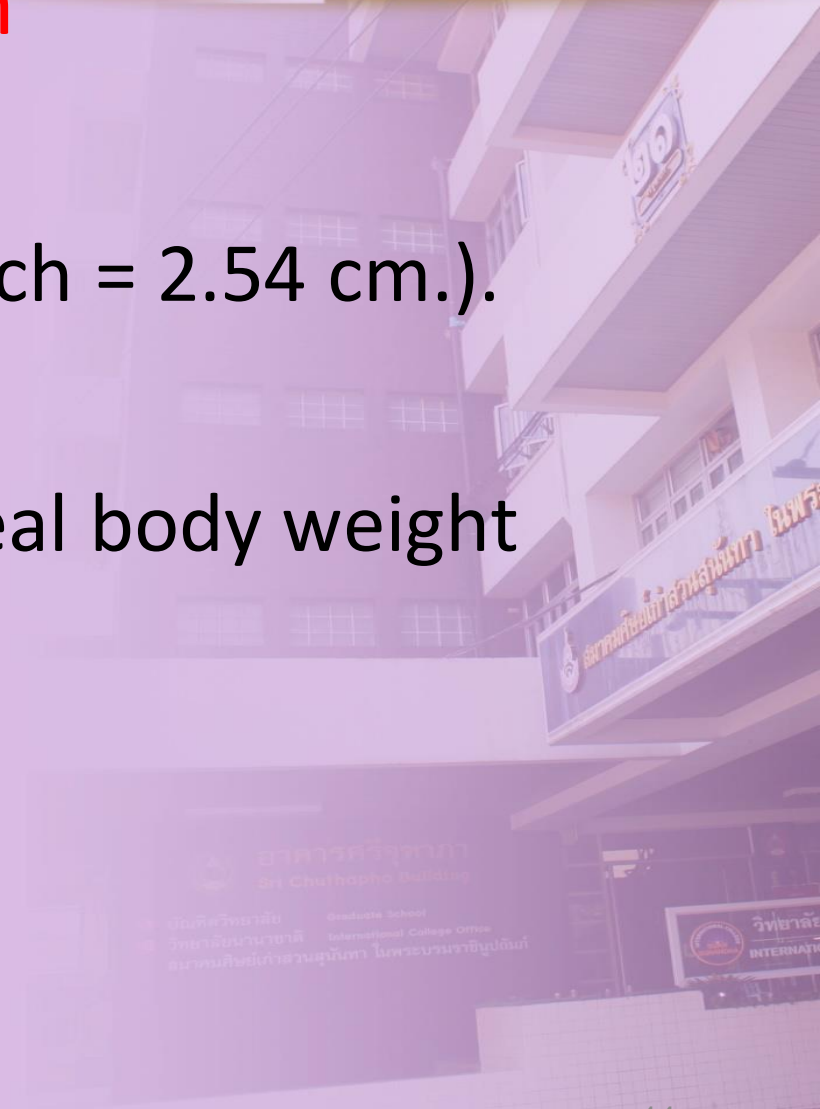
Question: Find the ideal body weight (in kilograms) for women tall 154.54 cm.



Example Question for Evaluation

For men, ideal body weight (in kilograms) is $52 \text{ kg} + 1.9 \text{ kg}$ for each inch over 5 feet (1 inch = 2.54 cm.).

Question: Draw a line graph to show the ideal body weight (in kilograms) and height (in centimeters).





Q & A

