

NIH Toolbox Knowledge Check Questions

Cognition

Cognition | Picture Vocabulary Test

Question 1: This is a measure of processing speed.

True

False

Question 2: The participant must choose the picture that best matches the meaning of the word that was said.

True

False

Question 3: The participant answers verbally.

True

False

Question 4: All participants of a given age receive the same words.

True

False

Question 5: All participants are asked to respond to a maximum of twenty-five words.

True

False

Cognition | Flanker Inhibitory Control & Attention Test

Question 1: The Flanker Inhibitory Control and Attention Test is a measure of complex problem solving.

True

False

Question 2: When completing the Flanker Inhibitory Control and Attention Test, participants must focus on all the stimuli on the screen.

True

False

Question 3: Young children who do well with fish stimuli are asked to complete arrow items.

True

False

Question 4: Participants of all ages hear the word “middle” to remind them to focus on the middle stimulus.

True

False

Question 5: In the standard administration, children ages 3-6 have to succeed in 4 of 5 practice trials to advance to the test trials.

True

False

Cognition | List Sorting Working Memory Test

Question 1: In the 1-list condition, this task requires participants to order pictures of either foods or animals in size order from smallest to largest.

True

False

Question 2: The participants are required to use their prior knowledge of size to order the pictures.

True

False

Question 3: In the 2-list condition, this task requires participants to order pictures of both food and animal objects in size order, first ordering the animals and then the food objects.

True

False

Question 4: The food and animal objects are presented both visually and aurally.

True

False

Question 5: It is not okay to label a food or animal with a synonym such as bunny for rabbit.

True

False

Cognition | Dimensional Change Card Sort Test (DCCS)

Question 1: The Dimensional Change Card Sort Test assess aspects of attention.

True

False

Question 2: In the DEXT version, the youngest participants (ages 3-7) have four practice trials with each dimension-color and shape.

True

False

Question 3: The mixed test items are the same for all age groups: 3-7, 8-11, and 12+.

True

False

Question 4: The Dimensional Change Card Sort Test uses Home Base for the mixed test items for all age groups.

True

False

Cognition | Pattern Comparison Processing Speed Test

Question 1: The test takes a maximum of 90 seconds to administer.

True

False

Question 2: The examiner may prompt the participants with reminders to look at the screen or to choose a button.

True

False

Question 3: The participants may use any finger to make their choices.

True

False

Question 4: All participants have six practice items.

True

False

Question 5: The Yes button has a smiley face and the No button has a frowny face.

True

False

Cognition | Picture Sequence Memory Test

Question 1: In this measure, pictures are presented with a label that is printed on the screen.

True

False

Question 2: The same items are presented to all age groups.

True

False

Question 3: The same demonstration/training sequence is presented to all age groups.

True

False

Question 4: This is a measure of episodic memory.

True

False

Question 5: Participants may respond by pointing to the pictures they want to move and to the place where they want the picture to move and asking the examiner to do the actual moving.

True

False

Cognition | Oral Reading Recognition Test

Question 1: This test uses age and education to determine which items it initially presents.

True

False

Question 2: All participants of the same age are presented the same words to read.

True

False

Question 3: This measure is short and can be self-administered.

True

False

Question 4: This measure assesses reading decoding.

True

False

Question 5: Only an iPad is necessary to administer this test.

True

False

Motor

Motor | 9-Hole Pegboard Dexterity Test

Question 1: This is a measure of motor dexterity.

True

False

Question 2: When working, the participant can pick up as many pegs as possible without dropping them.

True

False

Question 3: The pegboard is oriented perpendicular to the participant.

True

False

Question 4: There are practice and test trials with each hand.

True

False

Question 5: The examiner uses an on-screen time-keeper to time the participant's performance.

True

False

Motor | Grip Strength Test

Question 1: This is a measure of overall muscle strength.

True

False

Question 2: The participant supports the dynamometer with the hand not being tested.

True

False

Question 3: During testing, the participant sits toward the front of the chair with feet flat on the floor.

True

False

Question 4: Each hand is tested separately.

True

False

Question 5: Only the dominant hand has a practice trial.

True

False

Motor | Standing Balance Test

Question 1: The examiner indicates on the iPad whether a participant was successful or not in holding a given pose.

True

False

Question 2: This is a measure of endurance.

True

False

Question 3: Adult participants are asked to hold as many as five poses.

True

False

Question 4: Participants are told to step out, if they feel they cannot hold a position/pose.

True

False

Question 5: Both adults and children wear the iPod on the front of the gait belt.

True

False

Motor | 4-Meter Walk Gait Speed Test

Question 1: The examiner starts the timer when the participant's lead foot completely crosses over the starting line.

True

False

Question 2 The examiner demonstrates the walk.

True

False

Question 3: The participants wear shoes for this test.

True

False

Question 4: This task asks participants to walk as fast as they can.

True

False

Question 5: Only one of the trials is actually timed.

True

False

Motor | 2-Minute Walk Endurance Test

Question 1: There is one practice lap for each participant.

True

False

Question 2: The participant should wear comfortable walking shoes.

True

False

Question 3: This is a measure of general physical fitness.

True

False

Question 4: The test is stopped if the participant walks too slowly.

True

False

Question 5: The examiner demonstrates the walk for two minutes.

True

False

Emotion Domain

Does not have Knowledge Check Questions

Sensation

Sensation | Pain Measures

Question 1: This is a direct measure of pain.

True

False

Question 2: The participant reflects on his/her experience of pain.

True

False

Question 3: The examiner asks the participant questions from the pain measures.

True

False

Question 4: The surveys include items about pain interference and pain intensity.

True

False

Sensation | Odor Identification Test

Question 1: All participants have the same test items.

True

False

Question 2: Participants ages 3-9 are asked to identify the pictures used in the answer choices.

True

False

Question 3: The odors are presented on scratch 'n' sniff stickers.

True

False

Question 4: The examiner can scratch the card if the participant is having difficulty.

True

False

Question 5: After they scratch a card, participants are asked to wait five seconds before smelling it.

True

False

Sensation | Regional Taste Intensity Test

Question 1: The participants use a standardized scale on the iPad to rate how strong some stimuli and tastes are.

True

False

Question 2: The test requires the participant to swallow several salty and bitter solutions.

True

False

Question 3: The standardized scale ranges from No Sensation At All to Strongest Sensation of Any Kind.

True

False

Question 4: There are three practice items administered before the four test items.

True

False

Question 5: Participants are asked to clean out their mouths with bottled water before each item.

True

False

Sensation | Visual Acuity Test

Question 1: Participants (ages 3-7) can use a pointing card.

True

False

Question 2: Participants (ages 3-7) see only four different letters.

True

False

Question 3: There are training and practice items for the younger children.

True

False

Question 4: The test items for all participants use the same set of letters.

True

False

Question 5: The iPad sits on a stand directly in front of a seated participant.

True

False

Sensation | Words-in-Noise Test

Question 1: This measure asks participants to repeat words that are muffled by background noise.

True

False

Question 2: Participants who wear hearing aids can wear them for this test.

True

False

Question 3: The examiner indicates both correct and incorrect words said by the participant.

True

False

Question 4: One ear is tested and then the other ear is tested.

True

False

Question 5: Participants age 6 years and older are given the same test.

True

False
