

Psychology Battle of the Brains

In this documentary, psychologists use many different tests to try to determine who is the most intelligent. The contestants are:

Susan – Chess Master
Gary – Jet Pilot

Alex - Music Prodigy
Nathan – 162 IQ

Seth –
Quantum Physicist

Stella – Artist
Bonnie – Playwright

The IQ Test

What type of subtests are included on a traditional IQ test?

The idea of a single, overall intelligence is called _____.
From lecture, you know the main researcher associated with this idea is _____.

The top IQ scorers were:

- 1.
- 2.
- 3.

Practical Intelligence – The Bottle

Who came closest to solving it? _____

Robert “Bob” Sternberg thinks that what three things make up intelligence?

- 1.
- 2.
- 3.

From lecture, you know that his theory is called the _____ theory of intelligence.

Creativity

What is the first way the psychologists try to determine who is the most creative?

Who did the best on this creativity test? _____

Seth explains that being academic runs in his family. Does this support nature or nurture? _____

Geneticist Robert Plomin says that _____% of the variance in intelligence is due to genes.
From lecture, you know that this is called _____.

What is the second way they try to test creativity?

Who won this test? _____

Which creativity test do you think was more **valid** (actually testing creativity)? Why?

What did the brain scan of Nathan’s brain show?

Emotional Intelligence

Why wasn't emotional intelligence studied by psychologists for many years?

How did the psychologists measure emotional intelligence?

What characteristics do people with higher E IQ have?

Who had the highest E IQ? _____

Do you think emotional intelligence should "count" as intelligence? Why or why not?

What is Howard Gardner's controversial intelligence theory?

Kinesthetic Intelligence

How are the participants being tested for kinesthetic intelligence?

Of Gardner's eight/nine intelligences, **bodily-kinesthetic** is one of the most criticized. Do you think it is intelligent to be athletic? Why or why not?

Recent research in Scotland shows that IQ correlated with _____ and _____.

When they retested the 80 year old Scottish people, most of them showed improved intelligence scores. What factors were correlated with the most improvement?

Who were the top two contestants?

- 1.
- 2.

Do you agree that these seem to be the two most intelligent contestants? Support your answer.