



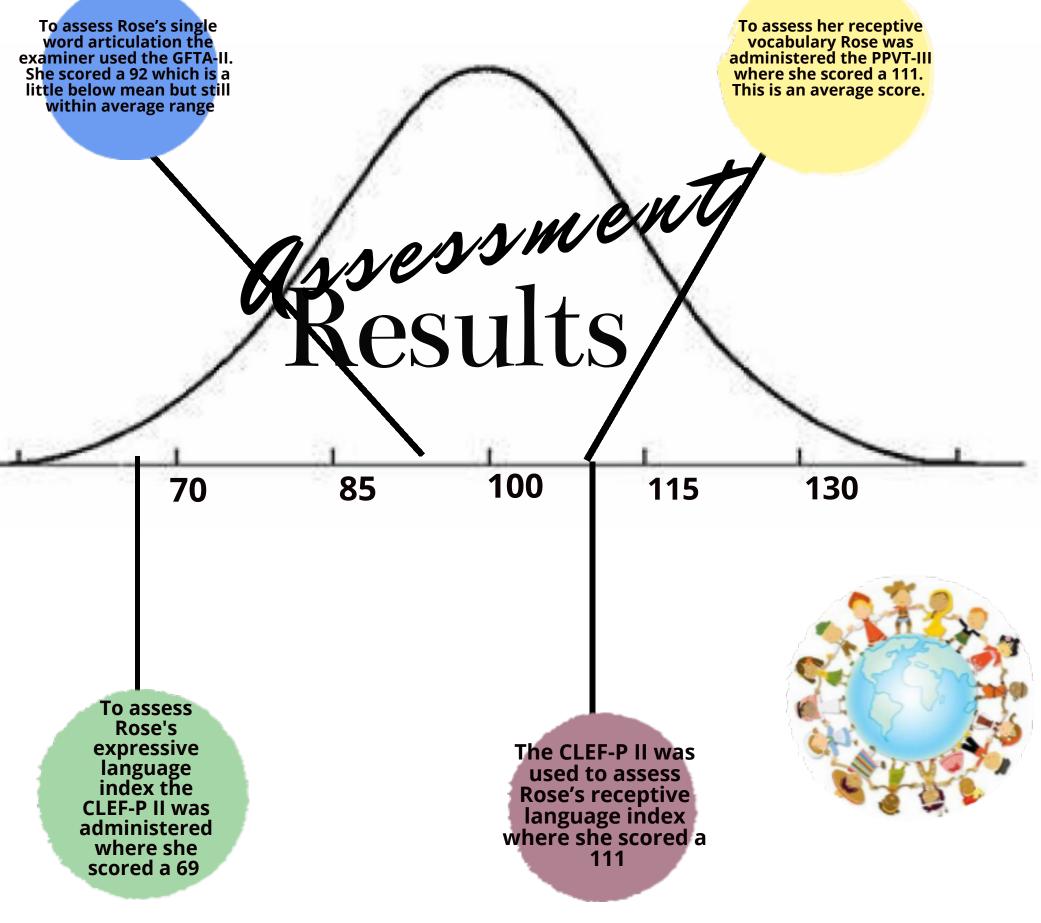
## Case Study: Rose

Rose is a 3 year, 3 month old toddler. She was adopted from China at I year and 3 months of age.

**Rose exhibited** language difficulties at the time of adoption. The orphanage reported she was not yet speaking Mandarin.

She developed at a normal rate but her blood results showed elevated lead levels.

Her adoptive parents are middle-age, financially secure with high levels of education. Her parents were concerned about her expressive ability. Rose could understand them and easily identify objects, but could not be easily understood. She started therapy at 2 years and 7 months until 3 years and 5 months.



Overall, she has good comprehension but struggles with expressive language. She scored in the lowest percentile on the expressive language index section of the CELF-P II. When looking at her number of different root words (NDW) and total number of words (TNW), both were more than 2 standard deviations below the mean. According to Brown's Chart of Grammatical Morphemes, Rose should have achieved an MLU between 2.5 and 3.0, but she only achieved an MLU of 1.98. In addition, she only produced two out of the fourteen morphemes that are listed in Brown's Chart. About half of the morphemes listed in the document should be demonstrated by a child

## around Rose's age.



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