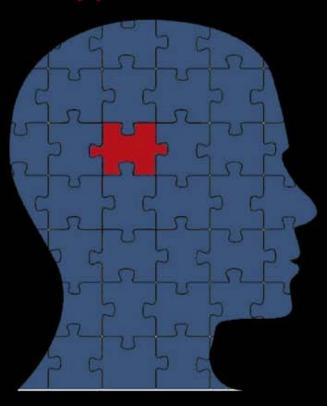
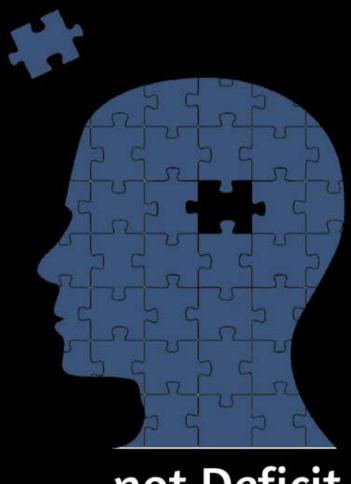
Math Learning Disabilities

Difference





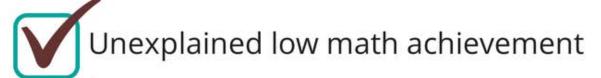
not Deficit





2 out of 11 students met criteria







Analysis of tutoring sessions revealed atypical understandings of fractions

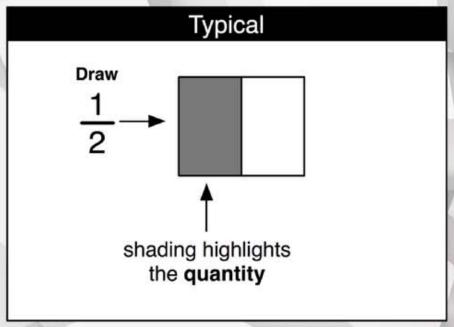


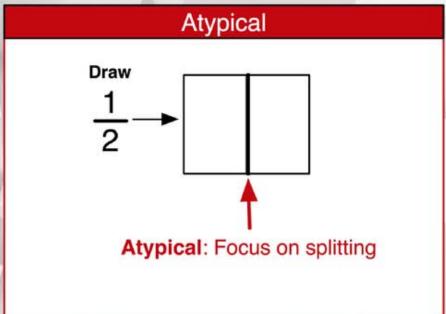




Both students had **similar** atypical understandings of fractional quantity.

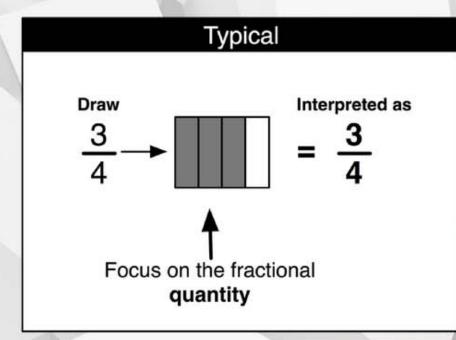
Halving Understanding

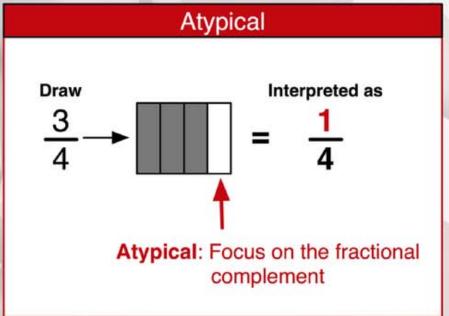




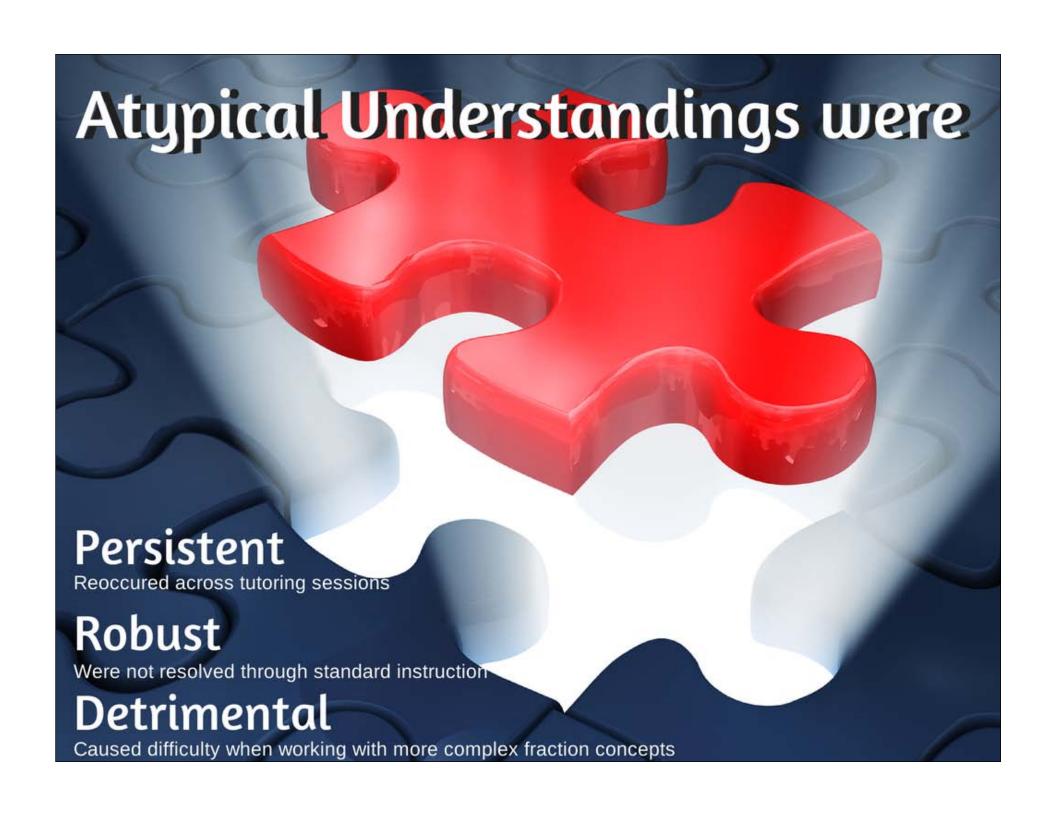
Contrast of typical and atypical fraction understanding

Fractional Complement Understanding





Contrast of typical and atypical fraction understanding

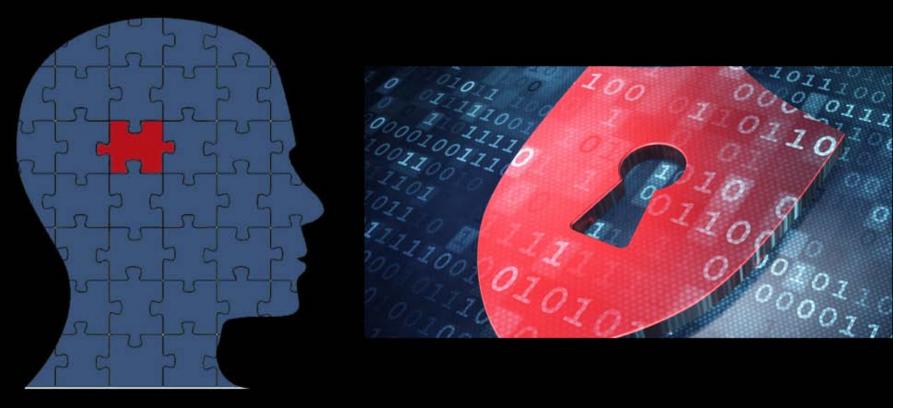




Representations of quantity were inaccessible to students with math learning disabilities.

Math Learning Disabilities

Difference Inaccessibility



CITATION

Lewis, K. E. (2014). Difference Not Deficit: Reconceptualizing Mathematical Learning Disabilities. *Journal for Research in Mathematics Education*, 45(3), pp. 351-396. (http://www.nctm.org/publications/article.aspx?id=42001)