Summary of the Problem

Story book: "The Wishing Club: A Story About Fractions" by Donna Jo
Napoli and Anna Currey

Problem: The children wish on a star each night and realize that a pattern
emerged – each child receives only part of what they wished for and
that part is the reciprocal of their ages. In other words, the two-
year-old received 1/2 of what he wished for, the eight-year-old
received 1/8 of what she wished for, etc. They discover that they've
been wishing on a comet and that it will be visible only one more
night. They collaborate to wish for the same thing, a pet pig, in order
to receive one complete pig, but they decide they'd better prove
that they will receive one whole pig first. They do not want to
receive just part of a pig – yuck! The four children are a 2-year-old
boy, a 4-year-old boy, and twin 8-year-old girls.

Anticipating: Explore *at least two different ways* students might choose
to "prove" that the kids will receive one whole pig when they each
wish for a pig.

Napoli, D. J., & Currey, A. (2007). *The wishing club: A story about fractions.* New York: Henry Holt & Co., Inc.

Monitoring, Selecting, and Sequencing Worksheet

Strategy	Who and What	Order
Fraction equation – solving with common denominators		
Fraction bars		
Fraction circles		
Measuring cups		
Measuring with rulers		
Graph Paper		
Other		

Adapted from:

Smith, M. S., & Stein, M. K. (2011). *5 Practices for orchestrating productive mathematics discussions.* Reston, VA: The National Council of Teachers of Mathematics, Inc.