

**ACES: Algebraic Concepts for Elementary Students
Summer Institute, July 19-23 and 26-30, 2010**

Agenda Day 9

1. Welcome!



2. The Airplane Trips: An airplane flies from Ontario to San Francisco and back twice. On the first round-trip, there is no wind at all; on the second round-trip there is a steady wind during the whole trip. If its engine speed is the same on both trips, which (if any) round-trip takes longer?

3. Proportional Reasoning Focus:

a) Speed – is there more than one kind?

4. Fraction Focus:

a) Multiplication and division of fractions, continued

5. Lesson Study

6. Closure