

**LineUp With Math™ Alignment**  
**North Dakota Mathematics Content and Achievement Standards**  
**April 2005**

**Standard 4: Measurement**

Students use concepts and tools of measurement to describe and quantify the world.

**MEASURABLE ATTRIBUTES, MEASUREMENT SYSTEMS AND UNITS**

**Benchmark Expectations**

5.4.2. Measure and apply elapsed time; i.e., time zones, schedules, and calendars

**LineUp With Math™ Activities**

- Apply mathematics to solving distance, rate, and time problems for aircraft conflict scenarios.
- Use an interactive simulator plus calculation worksheets to model and resolve air traffic control conflicts.

**MEASUREMENT TOOLS, TECHNIQUES, AND FORMULAS**

**Benchmark Expectations**

5.4.5. Select and use appropriate units when measuring length, area, and volume

**LineUp With Math™ Activities**

- Apply mathematics to solving distance, rate, and time problems for aircraft conflict scenarios.
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