

## Section 3.3 Math Link

This worksheet will help you with the Math Link on page 99.

Study the diagram of the Calgary International Airport.



1. **a)** Look at the two taxi lanes marked in black. What is the measure of the angle made by these two taxi lanes? \_\_\_\_\_
- b)** Draw a line that is the angle bisector of this angle.
- c)** Explain how you know that the line you drew is an angle bisector.

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2. Add a runway or taxi lane to your own airport design that bisects the angle made by two others.
3. Explain why you chose that location for your runway or taxi lane.

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