

Name: _____

Date: _____

BLM 3-12

Section 3.5 Math Link

This worksheet will help you with the Math Link on page 115.

1. **a)** Take a look at your airport design. Do you have an area that is the shape of a triangle? YES NO
b) If you answered YES, go to #2. If you answered NO, add some runways and taxi lanes to create a triangle, and then go to #2.
2. Determine the area of the triangle. If you have more than one triangle, use the largest one. Show all your work.

Reminder: Area of a triangle = base \times height \div 2

3. You decide to fill in the triangular area with gravel. If one truckload of gravel covers 100 m^2 , how many truckloads of gravel will you need for the triangle?

Hint: Total area in square metres \div 100 = number of truckloads needed