

Name: _____

Date: _____

BLM 3-10

Section 3.4 Math Link

This worksheet will help you with the Math Link on page 107.

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

Reminder: Area of a parallelogram = base \times height

3. You decide to plant grass in the parallelogram-shaped area. If one bag of grass seed covers 1000 m^2 , how many bags of seed will you need for the parallelogram? Show all your work.

Hint: Total area in square metres \div 1000 = number of bags needed