

Section 3.2 Math Link

This worksheet will help you with the Math Link on page 93.

Fill in the blanks below. To help you with #1 and #2, look at page 88 of the student resource or **BLM 3-4 Section 3.1 Math Link**. To help you with #3, look at page 92 of the student resource.

1. **a)** A runway can have a length of _____ m to _____ m. On your design, this is _____ cm to _____ cm.
b) A runway can have a width of _____ m to _____ m. On your design, this is _____ cm to _____ cm.
2. **a)** A taxi lane can have a width of _____ m to _____ m. On your design, this is _____ cm to _____ cm.
b) A taxi lane can have any _____ that works in your design.
3. **a)** A perpendicular bisector is at _____ angles to a line segment.
b) A perpendicular bisector divides a line segment in _____.
4. Add one runway **or** taxi lane to your airport design that is a **perpendicular bisector**.
5. Explain why you chose that location for the new runway or taxi lane.
