Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_







1.

1. Define the following words:

**Parallel Lines:**

**Perpendicular Lines:**

**Line:**

**Point:**

1. 

Tell me what, if anything, about these two lines are special. (Parallel, Perpendicular, or neither) Justify with your work.

1. What would be the equation of a line that is perpendicular to the line $4x+2y=10$, which also passes through the point (6,2)?