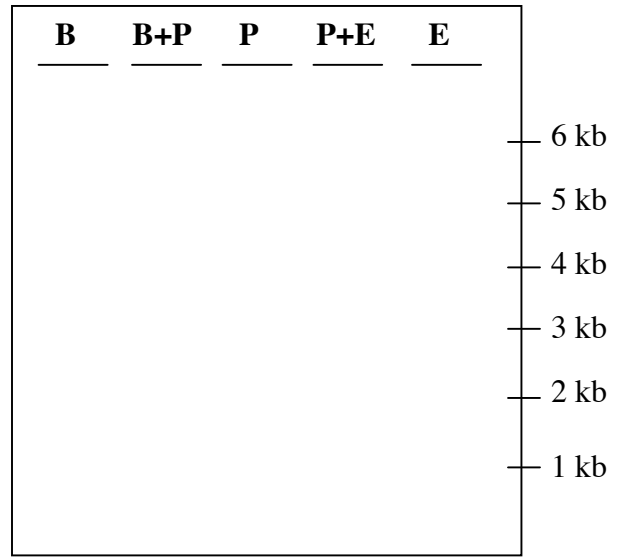
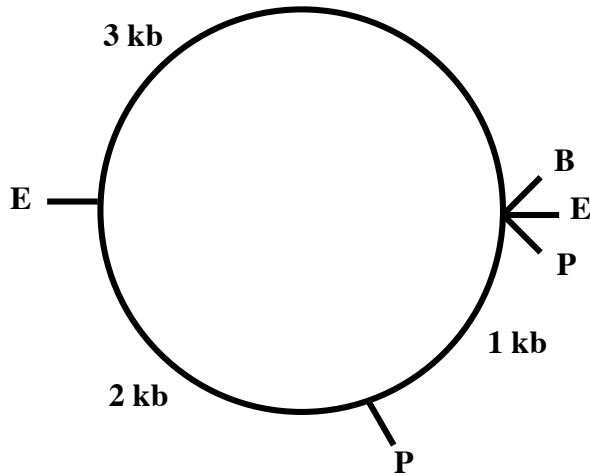


Name: _____

Section _____

Cell & Molecular Biology Pre-lab Quiz #2
Fall 2005 (10 pts total)

1. (4 pts) Draw on the gel (to the right) the predicted digest pattern for the plasmid shown below.



2. (4 pts) Use semi-log paper to prepare a calibration curve for the practice gel shown in the lab handout (pp. 22-23). Estimate sizes for the bands in the EcoRI lane and in the E/B/P lane. See p. 20 of the handout for instructions on making a calibration curve.

3. (2 pts) What is the 1kb Plus DNA Ladder used for?