

As a review, explain the purpose of:

- ☐ Heat shock
- ☐  $\text{CaCl}_2$
- ☐ The 10 minute incubation in LB after the heat shock
- ☐ Ampicillin
- ☐ Arabinose

As a review, speculate what you would expect to happen if there was a problem with each of the following (i.e. the item was either absent or did not work):

- ☐ Heat shock
- ☐  $\text{CaCl}_2$
- ☐ The 10 minute incubation in LB after the heat shock
- ☐ Ampicillin
- ☐ Arabinose
- ☐ The plasmid
- ☐ E. coli