

Partner assignments

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Problems

Romer's Problems 1.6, 1.7, and 1.8:

- These problems should not take a lot of time.
- Pay careful attention in each problem to *explaining* what the results mean, beyond just providing a mathematical answer.

Romer's Problem 1.12:

- This problem is a wee bit more challenging than the ones above.
- Follow Romer's suggested solution strategy to get the math, then widen your focus once you have the mathematical result to figure out the economic meaning.
- **Add the following part (f):** When technological progress is embodied in capital, we can make either of two assumptions: (1) that an improvement in technology affects *all installed capital* as well as new capital, or (2) that an improvement in technology affects *only new capital* and does not improve the productivity of the capital already installed.
 - Which assumption does each part of Problem 1.12 make?
 - What, if any, difference does it make for the behavior of the growth model?