



Problem of the Week

Problem B

Dollars for College

Cassie starts college in the fall and has decided to live in an apartment. Her monthly living expenses are as follows:

- Rent with utilities: \$800
- Hydro: \$40
- Phone/internet/TV: \$129
- Groceries: \$300



- (a) If she attends school for 18 months, what will be her total living expenses?
- (b) She has learned that her total college fees for the program will be \$6769. If she has \$10 400 saved, how much more money will she need to pay her living expenses plus college fees?
- (c) Instead of taking out a loan to pay for her additional costs found in part (b), Cassie has decided to work part-time at the local bakery. If she earns \$16/hr, for how many hours will she need to work to pay for her additional costs? Round your answer to the nearest hour.
- (d) If Cassie works every week for the 18 months she attends college, for how many hours per week will she have to work to pay for her additional costs? When answering this question, assume that there are four weeks in each month. Round your answer to the nearest hour.