Problem 1.1

*Problem 2.8*

These indifference curves are parallel! They are vertical shifts of the same curve.
Problem 3.2

Budget sets with $p_1 > p_2$
Optimum: $(0, \sqrt{u}) = A$

Budget sets with $p_1 < p_2$
Optimum: $(\sqrt{u}, 0) = B$

Problem 3.1

Budget set with $p_1 \parallel p_2$
$\min (x_1, x_2) = \overline{u}$

Budget set with $p_1 < p_2$