Hints on HW. 2.11-5

Evaluate both \( U \) and \( V \),
at \( x = A' \) and \( x = B' \).

\[
V(A') = aU(A') + b = 0 \quad \text{where} \quad V(A') = A'
\]

\[
V(B') = aU(B') + b = 0 \quad \text{and} \quad V(B') = B'.
\]

Find algebraic signs for \( a \) and \( b \).

One way: subtract to eliminate \( b \).