**Problem 4b**

Objective Equation Used in Cell AF9:

=SUM (Z6:AD6) // finds minimum coins used to make change

Equation Used in Cell AF5:

=SUMPRODUCT (Z6:AD6,Z4:AD4)

**Problem 4a**

Objective Equation Used in Cell V9:

=SUM (Q6:T6) // finds minimum coins used to make change

Equation Used in Cell V5:

=SUMPRODUCT (Q6:T6,Q4:T4)