

## Attendance Quiz 21

Name: \_\_\_\_\_ Date: \_\_\_\_\_

1. Maximize  $z = 5x_1 + 2x_2$

$$\begin{array}{l} \text{subject to} \\ 2x_1 + 4x_2 \leq 15 \\ 3x_1 + x_2 \leq 10 \\ x_1 \geq 0 \\ x_2 \geq 0 \end{array} \quad \text{using simplex method.}$$