

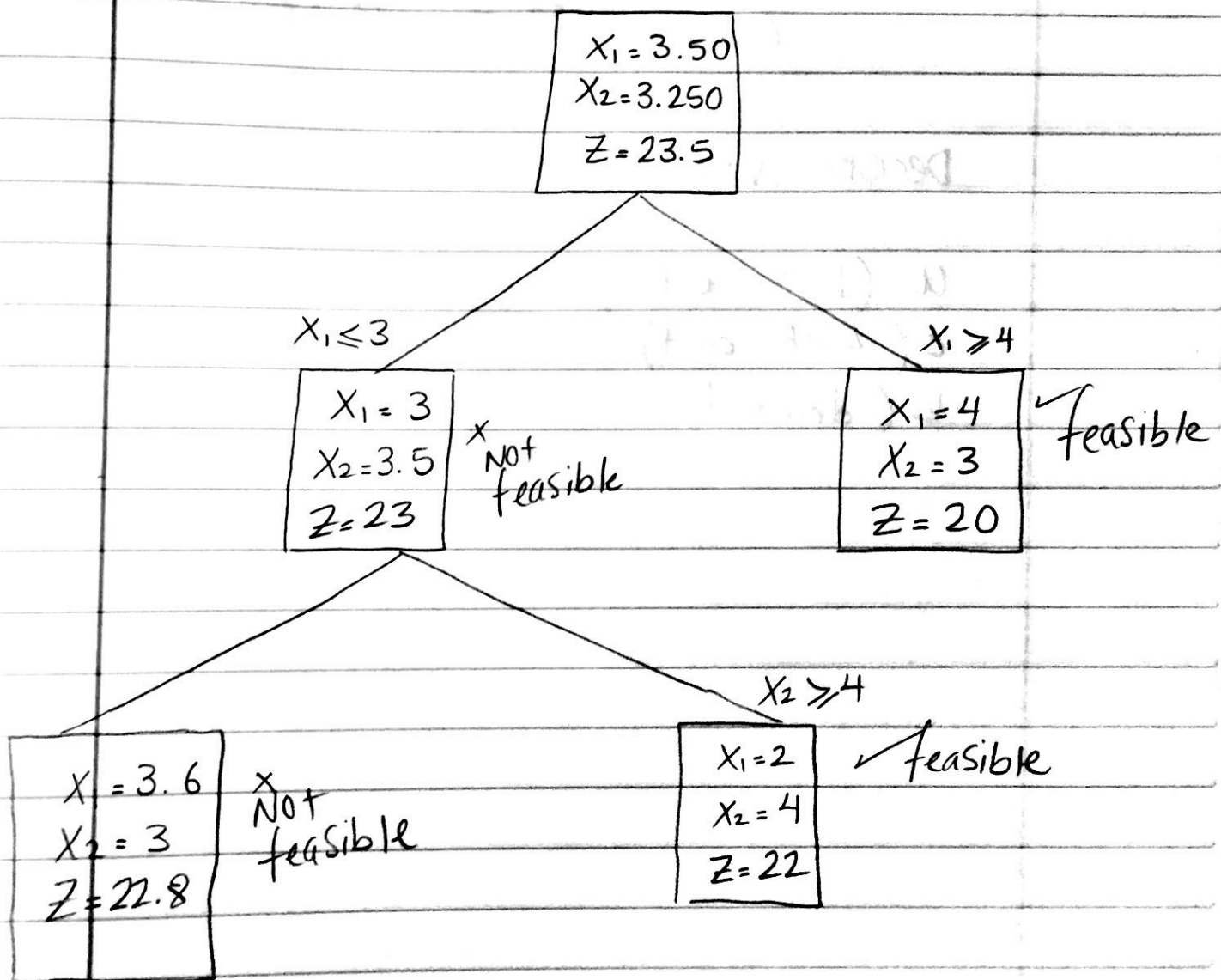
- Question #3:-

$$\text{Max } 3x_1 + 4x_2$$

$$x_1 + 2x_2 \leq 10$$

$$2.5x_1 + x_2 \leq 12$$

$x_1$  and  $x_2 \geq 0$  and are integers



since maximizing  $\therefore Z = 22$