|  |  |  |  |
| --- | --- | --- | --- |
|  | AI Alloy | Steel Alloy | Profit |
| Deluxe | 2 | 3 | 10 |
| Professional | 4 | 2 | 15 |
| Available | 100 | 80 |  |

Let be the number of Deluxe frames we will be providing; be the number of Professional frames we will be providing.

Objective function: ; maximize Z

s.t.

≥0