Clash of clans (LP)

Solve the following optimization problem

- Train your troops to have max hit points
- Train your troops to have max attack damage
- Train your troops to minimize the training time

Ex15

Clash of clans (LP)

Solve the following optimization problem

- Train your troops to have max hit points
- Train your troops to have max attack damage
- Train your troops to minimize the training time

How much damage it can tolerate

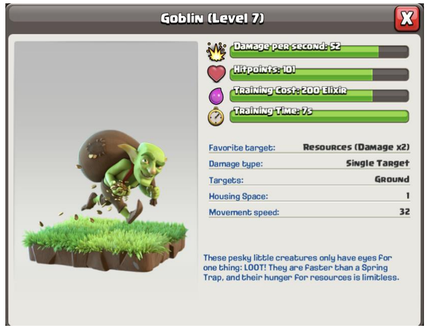
How much damage it can cause

How long does it take to train

How much does it cost to train

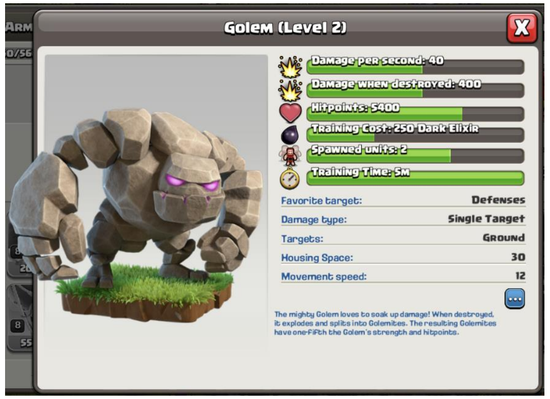
Ex15

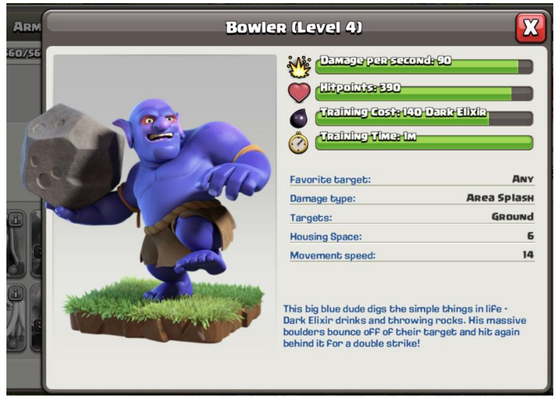
Clash of clans (LP)

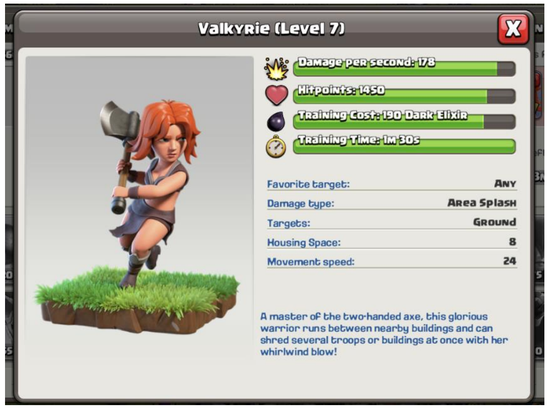


Ex15

Clash of clans (LP)







Ex15

Clash of clans (LP)

Solve the following optimization problem

$$OF_1 = \sum_i x_i Attack_i$$

$$OF_2 = \sum_i x_i Hit_i$$

$$OF_3 = \sum_i x_i time_i$$

$$\sum_i x_i Housing_i \leq Camp$$

$$\sum_i x_i TrainingCost_i \leq Elexsir$$

Ex15