

**PRINT your Name:**

**circle your section**

2 Tues 11:20

3 Thur 12:50

4 Tues 5:30

1. Remember that the formula for compound interest is

$$F = P \left( 1 + \frac{r}{n} \right)^T$$

Suppose I put \$1000 in an account paying 6% annual interest, compounded monthly. How long until the amount in the account is at least \$1500? While you don't need to simplify logarithms, etc, you **must** state whether the time you give is in days, months, or years.

2. Find the minimal spanning tree for the the weighted graph below.

