```
# (b) what is the estimate of the mean trend at t = 1987:167? (Hint: First determine which month this corresponds to.) # 1987.167 - 1986.000 = 1.167 # 1.167 / 0.083 = 14.0xx -> 14 months later from 1986 January -> 1987 March #y = -7249 + 3.67 * 1987.167 # = 43.90289
```