## 16-1750 Shameless Mathematica on Monday Jan 20,

Week 2-2: Unprotect games, EIWL5-8, 1206 riddle
January 19, 2016 6:34 AM

- Candies to email respondents: Beatriz, Jonathan, Justin, Huan, Yuan, Jesse.
- Extra candy for a project submitted.
- Participation warning, again.
- You may suggest mathematical topics! (Also by submitting them on the web).
- We have BA026 M 1-4 and W 1-3, and can have 6183 M 2-4 and W 1-2. I propose M 2-3 at b6183 and W 1-3 at BA026.

Unprotect games as in 160120-Unprotect.nb.
EIWL 5-8.

$$
+1206 \text { riddle. }
$$

Further Fibonacci programs:

1. Nest.
2. Solve for the explicit formula using Apart.
3. Solve for the explicit formula by postulating a sum of two geometric sequences.
4. MatrixPower.
5. $f(2 n)=f(n)^{\wedge} 2+f(n-1)^{\wedge} 2, f(2 n+1)=f(n)(f(n+1)+f(n-1))$.
6. Categorified version.
