Homework #5

To hand in:

2.1: 15,19

2.2: 3,30

2.4: 28

2.5: 9, also solve explicitly with $y(0) = 1/2$, and compute $\lim_{t\to\infty} y(t)$ and $\lim_{t\to-\infty} y(t)$.

Not to be handed in:

2.4: 31

2.5: 3, 9 choosing another initial condition so that the solution has a different behavior.

2.8: 9(a), 14