

1. Find the inverse Laplace transform of

$$F(s) = \frac{se^{-4s}}{(s+1)(s+2)}.$$

2. 7.5: 3–7 odd.
3. 7.5: 8–12 even.
4. 7.5: 23
5. 7.5: 24 (And plot your solution with Octave)
6. 7.5: 25
7. 7.6: 8