Comments about review-sheet and solutions

- Problem 3-(b) (a typo):
  \[ c = -1/3 \]

- Problem 4-(c) (Thanks to Daniel Kipper, Matt Schottler and John Sidhom)
  There is a mistake here, the correct version are:
  \[(1/2)^n < \frac{10^{-4}}{4}\]
  \[n \log (1/2) < \log (\frac{10^{-4}}{4})\]
  \[n > \frac{\log (10^{-4})}{\log (1/2)} = 15.2877, \text{ therefore } n = 16\]

- Problem 5 (Thanks to Jessica Arlas)
  It should be \(|g'(1)| = 3/2 > 1\)

- Problem 8 (Thanks to John Sidhom)
  \[P_2(3) = -1 + 2.5(3 - 2) + 0.5(3 - 2)(3 - 4) = 1\]

- Problem 12 (Thanks to Jessica Arlas)
  The \(f_h\) should have the form \[\begin{pmatrix} 1/4 + 1/(1/4)^2 \\ 2/4 \\ 3/4 + 0 \end{pmatrix}\], also we should have \(w_0 = 1\) and \(w_4 = 0\)