1. From the graph $G(10, \frac{x}{6})$ or from A that you constructed in the worksheet:
   (a) fill in the following table from the data in worksheet:

x	# Edges

   (b) Let E denote the number of edges in a realisation of $G(10, \frac{x}{6})$. Find the likelihood $L(x; E)$ that E edges occur in the random Graph $G(10, \frac{x}{6})$.

   (c) Find x^* that maximizes $L(x; E)$ with respect to x. You may assume $x \in [1, 5]$.
   (d) Substitute your value of E from Question 1, into the expression for x^*. Is the resulting x^* close to your chosen x ?
2. Example 9.2.1.
3. Example 9.2.2.
4. Example 9.3.2.
5. Example 9.3.3.
6. Example 9.4.2.