Practice problems for logic
(from the textbook)

1. At the end of section 1.1: 9, 12, 13, 14, 22, 26, 27, 32, 38,
2. At the end of section 1.2: 7, 8
3. At the end of section 1.3: 5 (do it for \((p \text{ AND } q) \text{ OR } (r \text{ AND } s)\) and \((p \text{ OR } q) \text{ AND } (r \text{ OR } s)\)), 8, 9, 10, 11, 12, 15 (try to do it both with and without a truth table), 24, 29 (Don't use a truth table - your truth table will be huge!), 33, 62
4. At the end of section 1.4: 8, 9, 12, 14, 16, 20, 21, 24, 25, 27, 33, 36, 37, 43, 44, 45, 50, 51, 61 (come to (e) after doing problems in section 1.6)
5. At the end of section 1.5: 5, 10, 13, 19, 20, 21, 22, 23, 25, 28, 29, 31, 35, 40, 46
6. At the end of section 1.6: 3, 4, 6, 10, 12, 14, 16, 17, 20, 24, 28