This is not a binding contract, only a guideline for study.
Questions are given in entirety or outlined.
If applicable, the section number and block of exercises similar to it are given in parenthesis.

1. A word problem similar to ver.2 2.1, number 27, 31 or 33 / ver.3 2.1 32, 35, 36
2. For the quadratic $f(x) = 3x^2 + 8x + 1$
   a. Find the axis of symmetry (similar to ver.2/ver.3 2.4, 3-14)
   b. Find the vertex (similar to ver.2/ver.3 2.4, 3-14)
   c. Find the discriminant, and use this information to specify the number of roots (ver.2/ver.3 2.3, 55-60)
   d. Find the roots, or state why there are none (ver.2/ver.3 2.3, 61-76)
   e. Sketch the quadratic
   f. Find where $f(x)$ intersects the line $y = 2x - 2$ (similar to ver.2/ver.3 2.3, 1-20)
3. Solve $\frac{x}{x-5} - \frac{5}{x+5} = \frac{50}{x^2 - 25}$ (ver.2 2.5, 1-24 / ver.3 2.5, 1-28)
4. Solve $\sqrt[3]{4x-1} + 12 = 10$ (ver.2 2.5, 25-70 / ver.3 2.5, 29-74)
5. Solve $|2x - 1| - 5 = -3$ (ver.2 2.5, 75-98 / ver.3 2.5, 79-102)
6. Solve $|2x - 1| \leq 17$ (ver.2/ver.3 2.6, 31-54)