

$$1) x^2 - 7|x| + 6 = 0$$

$$3) x^2 + 2x + 2|x + 1| = 7$$

$$5) x^4 + 4x^3 = 30 - 7|x^2 + 2x| - 4x^2$$



$$2) (x + 3)^2 - |x + 3| - 30 = 0$$

$$4) 4x^2 - 12x - 5|2x - 3| + 15 = 0$$