

$$\textcircled{1} \quad x^6 - 7x^3 - 8 = 0 \quad (x=2, x=-1)$$

$$\textcircled{2} \quad x^5 + 2x^4 - 16x - 32 = 0 \quad (x=\pm 2)$$

$$\textcircled{3} \quad 3x^3 - 7x^2 - 7x + 3 = 0 \quad (x=1, 3, \frac{1}{3})$$

$$\textcircled{7} \quad |2x-3| + 4 = 2x \quad \text{IMP.}$$

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$$\textcircled{8} \quad |x^2 - 4x + 1| = -x^2 - 3$$

$$\textcircled{4} \quad x^3 - x^2 + x - 1 \leq 0 \quad (x \leq 1)$$

$$\textcircled{5} \quad \frac{x}{1-x} \geq 1 \quad \left(\frac{1}{2} \leq x < 1\right)$$

$$\textcircled{6} \quad \frac{x^2 - 6x + 9}{2x^2} > 0 \quad \text{C.E. } x \neq 0, x \neq 3$$