1: $3 \cdot x^3 - 6 \cdot x^2 = 0$

2: $9 \cdot x^3 - 3 \cdot x^2 + 6 \cdot x - 2 = 0$

3: $9 \cdot x^2 - 6 \cdot x + 1 = 0$

4: $4 \cdot x^2 - 9 = 0$

5: $x^3 - 3 \cdot x^2 + 3 \cdot x - 1 = 0$

6: $x^3 - 8 = 0$

7: $x^3 + 27 = 0$

8: $5 \cdot x^2 - 7 \cdot x + 2 = 0$

9: $6 \cdot x^3 - 7 \cdot x + 1 = 0$

10: $(2 \cdot x + 1)^3 \cdot (x - 2)^2 = 0$

11: $(x + 1)^3 = (2 \cdot x - 1)^2$

12: $x^6 = 64$

13: $\frac{1}{3 \cdot x^2} = \frac{2}{x}$

14: $\frac{1}{x} = \frac{2}{x + 1}$

15: $\frac{1 + x}{x^2 - 4 \cdot x + 4} = \frac{1}{2 - x}$