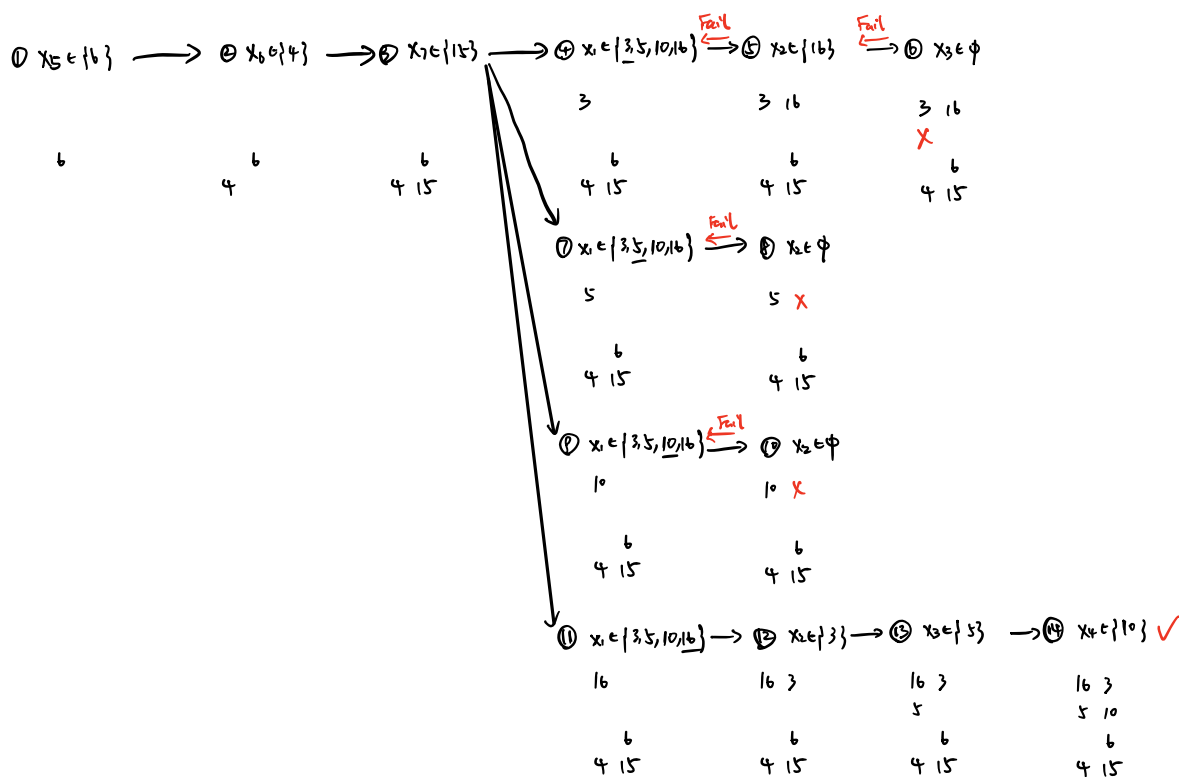


x_1	x_2	2	13
x_3	x_4	11	8
9	x_5	7	12
x_6	x_7	14	1

② 值域: $D = \{D_1, D_2, \dots, D_n\}$, $X_i \in D_i = \{3, 4, 5, 6, 10, 15, 16\}$

$$\textcircled{3} \text{ 约束: } C = \left\{ (x_1, x_2), x_1 + x_2 = 19 \right\}, \left\{ (x_3, x_4), x_3 + x_4 = 15 \right\}, \left\{ (x_5), x_5 = 6 \right\}, \left\{ (x_6, x_7), x_6 + x_7 = 19 \right\}, \\ \left\{ (x_1, x_3, x_6), x_1 + x_3 + x_6 = 25 \right\}, \left\{ (x_2, x_4, x_5, x_7), x_2 + x_4 + x_5 + x_7 = 34 \right\}, \left\{ (x_1, x_7), x_1 + x_7 = 26 \right\}, \\ \left\{ (x_5, x_6), x_5 + x_6 = 10 \right\}, \left\{ (x_1, x_2, \dots, x_7), x_1, \dots, x_7 \text{ 互不相同} \right\} \}$$

⑩ 溯溪索桥工程如下：



∴ 补全结果:

16	3
5	10
	6
4	15

[illegible]

被剪掉叶节点总数为5 (图中✓)