

Exercise 3

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1. $a + b$
2. $\overline{a} + \overline{b}$
3. $c + \overline{b} + a$
4. $\overline{c} + \overline{b}$
5. $c + b + \overline{a}$
6. $\overline{d} + b$
7. $d + \overline{c}$

truth

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8. $c + a$	Res (1, 3)
9. $a + \overline{b}$	Res (8, 4)
10. \overline{b}	Res (9, 1)
11. $c + \overline{a}$	Res (5, 10)
12. c	Res (8, 11)
13. \overline{d}	Res (10, 6)
14. d	Res (12, 7)
15. \overline{c}	Res (13, 14)