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(1)	The minimized form of the logical Expersession ABC + ABC + ABC + ABC is, Given, ABC + ABC + ABC + ABC
	$= \overline{AC}(\overline{B}+B) + \overline{ABC} + ABC$ $= \overline{AC} + \overline{ABC} + \overline{ABC}$ $= \overline{AC} + \overline{BC} + \overline{ABC}$ $= \overline{AC} + \overline{BC} + \overline{ABC}$ $= \overline{AC} + \overline{BC} + \overline{ABC}$ $= \overline{AC} + \overline{AB} + \overline{ABC}$ $= \overline{AC} + \overline{AB} + \overline{ABC}$ $= \overline{AC} + \overline{BC} + \overline{AC}$ $= \overline{AC} + \overline{AC} + \overline{AC} + \overline{AC} + \overline{AC}$ $= \overline{AC} + \overline{AC} + \overline{AC} + \overline{AC} + \overline{AC}$
2	The Boolean Expression y = ABCD + ABCD + ABCD + ABCD is minimized to, ARCD + ARCD + ARCD + ARCD
	$y = \overline{ABCD} + \overline{ABCD} + \overline{ABCD} + \overline{ABCD}$ $= \overline{BCD}(\overline{A} + \overline{A}) + \overline{ABCD} + \overline{ABCD}$
	= BCD + ABCD + ABCD :: A+A

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7	= C(BD + ABD) + ABCD
	= C (BD+A)(BD+BD) + ABCD Distribution
T1:8+8	= BCD+ AC+ ABCD HAY-
±68+ €+30(€+3)	5).7 581A + (28+30A = 5.16 58A + (5+3) (8+5) A =
Ts=3+1	(58+50P +5A = (58+5)P +5A = (5
(ASA) . 50 . F	(5+F)(A+A)B+3A - (5+A)B+B)B+3A - (5+A)B+B)B+3A - (5+A)B+B)B+3A - (5+A)B+B)B+BB+BB+BB+BB+BB+BB+BB+BB+BB+BB+BB+
	12 - 38 + 8 A + 9 A -
d- (19)	TA = 17 mole-pregning opplood? 30/1 (6) 100 8, 058A + 008A - + 008A
ABED	+ a58A + a58A + a58A = 1/
	18A + 699A + (A+A) 698 =
Lang 3	4 938A + 738A + 738A =