Alumno	Función Booleana
**010783381	$(\overline{a} \wedge \overline{b} \wedge c) \vee (a \wedge b \wedge c \wedge d) \vee (\overline{a} \wedge b \wedge \overline{c} \wedge \overline{d}) \vee (\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge d) \vee (\overline{a} \wedge b \wedge d)$
**316625	$(\overline{b} \wedge c \wedge d) \vee (a \wedge b \wedge \overline{c} \wedge d) \vee (a \wedge \overline{b} \wedge \overline{c} \wedge \overline{d}) \vee (a \wedge b \wedge \overline{c} \wedge d) \vee (\overline{b} \wedge c \wedge d) \vee (\overline{a} \wedge b \wedge c \wedge \overline{d})$
**640593	$\overline{(a \wedge b \wedge \overline{c} \wedge d)} \vee (a \wedge \overline{b} \wedge \overline{c} \wedge \overline{d}) \vee (b \wedge \overline{c} \wedge \overline{d}) \vee (a \wedge \overline{b} \wedge \overline{c} \wedge d) \vee (a \wedge \overline{d}) \vee (\overline{a} \wedge \overline{b} \wedge c \wedge d)$
**290076	$(a \wedge \overline{b} \wedge \overline{c}) \vee (a \wedge \overline{b} \wedge \overline{c} \wedge d) \vee (a \wedge b \wedge \overline{c} \wedge \overline{d}) \vee (a \wedge \overline{b} \wedge \overline{c} \wedge \overline{d})$
**291698	$(a \wedge \overline{b} \wedge c \wedge \overline{d}) \vee (a \wedge \overline{b} \wedge c \wedge d) \vee (a \wedge \overline{b} \wedge c \wedge d) \vee (a \wedge \overline{c} \wedge d) \vee (a \wedge \overline{b} \wedge \overline{c} \wedge d) \vee (\overline{a} \wedge b \wedge d)$
**483283	$(a \wedge \overline{b} \wedge c \wedge \overline{d}) \vee (a \wedge b \wedge c \wedge \overline{d}) \vee (b \wedge \overline{c} \wedge d) \vee (\overline{a} \wedge b \wedge d) \vee \overline{(a \wedge c \wedge d)}$
**314706	$(a \wedge b \wedge c) \vee (a \wedge b \wedge \overline{c} \wedge \overline{d}) \vee (\overline{b} \wedge c \wedge d) \vee (\overline{a} \wedge b \wedge c \wedge \overline{d}) \vee (a \wedge \overline{b} \wedge \overline{c})$
**051667	$(b \wedge c \wedge d) \vee (a \wedge b \wedge c \wedge d) \vee (\overline{a} \wedge b \wedge \overline{c} \wedge \overline{d}) \vee (\overline{a} \wedge b \wedge \overline{c} \wedge d) \vee (\overline{a} \wedge b \wedge c \wedge \overline{d})$
**053350	$(a \wedge \overline{b} \wedge c \wedge \overline{d}) \vee (\overline{a} \wedge c) \vee (a \wedge \overline{b} \wedge c \wedge \overline{d}) \vee (\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge d)$
**097543	$(\overline{a} \wedge b \wedge \overline{c} \wedge \overline{d}) \vee (\overline{a} \wedge b \wedge c \wedge \overline{d}) \vee (\overline{a} \wedge b \wedge \overline{c} \wedge \overline{d}) \vee (\overline{a} \wedge \overline{b} \wedge c) \vee (a \wedge \overline{b} \wedge \overline{c} \wedge \overline{d}) \vee (b \wedge \overline{c} \wedge \overline{d})$
**097870	$(a \wedge b \wedge c \wedge d) \vee (\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge d) \vee (a \wedge b \wedge \overline{c}) \vee (a \wedge \overline{c} \wedge \overline{d})$
**518991	$(a \wedge b \wedge c \wedge \overline{d}) \vee (\overline{a} \wedge b \wedge \overline{c} \wedge \overline{d}) \vee (\overline{a} \wedge b \wedge c \wedge d) \vee (b \wedge \overline{c} \wedge d) \vee (\overline{a} \wedge c \wedge d) \vee (a \wedge b \wedge \overline{c})$
**519186	$(a \wedge b \wedge c \wedge d) \vee (\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge \overline{d}) \vee (a \wedge c \wedge \overline{d}) \vee (a \wedge b \wedge c \wedge \overline{d}) \vee (\overline{a} \wedge \overline{b} \wedge d)$
**521659	$(\overline{a} \wedge \overline{c} \wedge d) \vee (\overline{a} \wedge \overline{b} \wedge c \wedge \overline{d}) \vee (\overline{a} \wedge b \wedge \overline{c} \wedge d) \vee (\overline{a} \wedge \overline{c} \wedge d)$
**521985	$(a \wedge b \wedge \overline{c} \wedge d) \vee (\overline{a} \wedge \overline{c} \wedge \overline{d}) \vee (a \wedge \overline{c} \wedge \overline{d}) \vee (\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge d) \vee (\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge \overline{d})$
**526294	$(\overline{a} \wedge \overline{b} \wedge c \wedge \overline{d}) \vee (a \wedge b \wedge \overline{c} \wedge \overline{d}) \vee (a \wedge b \wedge \overline{c} \wedge \overline{d}) \vee (b \wedge c \wedge \overline{d})$
**692834	$(\overline{a} \wedge b \wedge \overline{c} \wedge \overline{d}) \vee (\overline{a} \wedge \overline{b} \wedge c \wedge d) \vee (\overline{b} \wedge \overline{c} \wedge \overline{d}) \vee (\overline{a} \wedge b \wedge c \wedge \overline{d}) \vee (\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge d)$
**699839	$(a \wedge b \wedge \overline{c} \wedge \overline{d}) \vee (a \wedge b \wedge \overline{c} \wedge d) \vee (b \wedge c \wedge d) \vee (a \wedge b \wedge c \wedge \overline{d}) \vee (\overline{a} \wedge \overline{b} \wedge c \wedge \overline{d})$
**902032	$(b \wedge c \wedge \overline{d}) \vee (a \wedge \overline{b} \wedge \overline{c} \wedge \overline{d}) \vee (b \wedge \overline{d}) \vee (\overline{a} \wedge \overline{b} \wedge c \wedge \overline{d}) \vee (\overline{a} \wedge \overline{b} \wedge c \wedge d)$
**903332	$(\overline{a} \wedge b \wedge \overline{c} \wedge d) \vee (a \wedge c \wedge \overline{d}) \vee (\overline{a} \wedge b \wedge \overline{d}) \vee (\overline{a} \wedge b \wedge c \wedge d) \vee (\overline{a} \wedge b \wedge c \wedge \overline{d})$
**435270	$(a \wedge c \wedge \overline{d}) \vee (a \wedge b \wedge c \wedge \overline{d}) \vee (\overline{a} \wedge b \wedge \overline{c} \wedge \overline{d}) \vee (\overline{a} \wedge \overline{b} \wedge c \wedge \overline{d})$
**435459	$(c \wedge d) \vee (a \wedge \overline{b} \wedge c \wedge d) \vee (a \wedge \overline{b} \wedge \overline{c} \wedge d) \vee (a \wedge b \wedge \overline{c} \wedge \overline{d}) \vee (b \wedge c \wedge d) \vee (a \wedge b \wedge c \wedge d)$
**435563	$(a \wedge b \wedge \overline{d}) \vee (\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge d) \vee (\overline{a} \wedge b \wedge \overline{c} \wedge d) \vee (a \wedge \overline{b} \wedge c \wedge \overline{d})$
**509981	$(\overline{a} \wedge b \wedge c \wedge d) \vee (\overline{a} \wedge b \wedge \overline{c} \wedge d) \vee (a \wedge c \wedge d) \vee (a \wedge \overline{b} \wedge \overline{c} \wedge d) \vee (\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge d)$
**520658	$(a \wedge \overline{b} \wedge c \wedge \overline{d}) \vee (a \wedge \overline{c} \wedge \overline{d}) \vee (a \wedge b \wedge \overline{c} \wedge d) \vee (\overline{a} \wedge \overline{c} \wedge d) \vee (a \wedge b \wedge \overline{c} \wedge \overline{d}) \vee (\overline{a} \wedge b \wedge d)$

**524211	$(\overline{a} \wedge b \wedge c) \vee (a \wedge b \wedge \overline{c} \wedge d) \vee (a \wedge b \wedge c \wedge d) \vee (\overline{a} \wedge b \wedge \overline{c} \wedge d) \vee (\overline{a} \wedge c \wedge d) \vee (\overline{a} \wedge b \wedge c \wedge d)$
**525427	$(\overline{b} \wedge c \wedge \overline{d}) \vee (a \wedge b \wedge c \wedge d) \vee (a \wedge b \wedge \overline{c} \wedge \overline{d}) \vee (\overline{a} \wedge \overline{b} \wedge d) \vee (a \wedge \overline{b} \wedge \overline{c} \wedge d) \vee (\overline{a \wedge b \wedge \overline{c} \wedge d)}$
**623111	$(\overline{a} \wedge b \wedge \overline{c} \wedge \overline{d}) \vee (a \wedge b \wedge \overline{c} \wedge d) \vee (a \wedge \overline{c} \wedge \overline{d}) \vee (\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge \overline{d}) \vee (a \wedge \overline{c} \wedge d) \vee (a \wedge b \wedge \overline{c} \wedge d)$
**660379	$(a \wedge b \wedge \overline{c} \wedge \overline{d}) \vee (\overline{a} \wedge \overline{b} \wedge c \wedge \overline{d}) \vee (a \wedge \overline{b} \wedge \overline{c} \wedge d) \vee (\overline{a} \wedge b \wedge c \wedge \overline{d})$
**099413	$(b \wedge \overline{c} \wedge \overline{d}) \vee (\overline{a} \wedge b \wedge c \wedge d) \vee (a \wedge b \wedge c \wedge d) \vee (a \wedge \overline{b} \wedge \overline{c} \wedge d) \vee (a \wedge \overline{b} \wedge \overline{c} \wedge \overline{d})$
**837113	$(b \wedge \overline{c} \wedge \overline{d}) \vee (a \wedge b \wedge c \wedge \overline{d}) \vee (a \wedge b \wedge \overline{c} \wedge \overline{d}) \vee (\overline{a} \wedge b \wedge c \wedge d)$
**928127	$(\overline{a} \wedge c \wedge \overline{d}) \vee (\overline{a} \wedge b \wedge \overline{c} \wedge d) \vee (\overline{a} \wedge b \wedge c \wedge \overline{d}) \vee (\overline{a} \wedge b \wedge c) \vee (\overline{a} \wedge b \wedge c) \vee (\overline{a} \wedge b \wedge \overline{c} \wedge d)$
**928707	$(\overline{a} \wedge b \wedge \overline{c} \wedge \overline{d}) \vee (a \wedge b \wedge c \wedge d) \vee (\overline{a} \wedge \overline{b} \wedge c \wedge \overline{d}) \vee (\overline{a} \wedge b \wedge \overline{c} \wedge d)$
**080995	$(\overline{b} \wedge \overline{c}) \vee (\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge d) \vee (a \wedge \overline{b} \wedge c \wedge d) \vee (a \wedge \overline{b} \wedge c \wedge d) \vee (a \wedge \overline{b} \wedge c \wedge d)$
**083607	$(\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge \overline{d}) \vee (a \wedge b \wedge \overline{c} \wedge \overline{d}) \vee (\overline{a} \wedge b \wedge \overline{c} \wedge d) \vee (\overline{a} \wedge b \wedge \overline{c} \wedge d) \vee (a \wedge \overline{b} \wedge c \wedge d)$
**089256	$(\overline{a} \wedge b \wedge c \wedge \overline{d}) \vee (\overline{a} \wedge b \wedge \overline{d}) \vee (a \wedge b \wedge \overline{d}) \vee (\overline{b} \wedge c \wedge \overline{d})$
**409731	$(\overline{c} \wedge d) \vee (a \wedge \overline{b} \wedge \overline{c} \wedge d) \vee (\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge \overline{d}) \vee (\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge \overline{d}) \vee (a \wedge b \wedge \overline{c} \wedge d)$
**431594	$(\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge d) \vee (a \wedge \overline{b} \wedge \overline{c} \wedge \overline{d}) \vee (a \wedge c \wedge d) \vee (b \wedge d)$
**150407	$(\overline{a} \wedge \overline{b} \wedge c \wedge \overline{d}) \vee (a \wedge \overline{b} \wedge c \wedge \overline{d}) \vee (a \wedge \overline{b} \wedge \overline{c} \wedge \overline{d}) \vee (a \wedge b \wedge \overline{c} \wedge \overline{d}) \vee (a \wedge \overline{b} \wedge \overline{c} \wedge \overline{d})$
**151873	$(a \wedge b \wedge \overline{c} \wedge d) \vee (\overline{a} \wedge \overline{b} \wedge c \wedge \overline{d}) \vee (\overline{a} \wedge b \wedge \overline{c} \wedge d) \vee (\overline{a} \wedge \overline{b} \wedge d)$
**674088	$(\overline{a} \wedge b \wedge c) \vee (\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge d) \vee (a \wedge \overline{b} \wedge \overline{c} \wedge \overline{d}) \vee (b \wedge \overline{c} \wedge \overline{d}) \vee (a \wedge b \wedge c \wedge \overline{d}) \vee \overline{(a \wedge b \wedge c \wedge d)}$
**717878	$(a \wedge b \wedge d) \vee \overline{(a \wedge \overline{b} \wedge c \wedge \overline{d})} \vee \overline{(a} \wedge c \wedge \overline{d}) \vee \overline{(a} \wedge \overline{b} \wedge c \wedge d)$
**721454	$(\overline{a} \wedge \overline{b} \wedge c \wedge \overline{d}) \vee (\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge d) \vee (\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge d) \vee (\overline{a} \wedge \overline{b} \wedge c) \vee (\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge \overline{d})$
**722796	$(\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge \overline{d}) \vee (\overline{a} \wedge b \wedge \overline{c}) \vee (\overline{b} \wedge \overline{c} \wedge d) \vee (\overline{a} \wedge b \wedge \overline{d}) \vee (a \wedge b \wedge \overline{c} \wedge d) \vee (a \wedge b \wedge \overline{c} \wedge d)$
**723074	$(\overline{a} \wedge b \wedge \overline{c} \wedge d) \vee (\overline{a} \wedge b) \vee (\overline{a} \wedge b \wedge \overline{c} \wedge \overline{d}) \vee (\overline{a} \wedge b \wedge c \wedge d) \vee (\overline{a} \wedge \overline{b} \wedge \overline{d})$
**723773	$(\overline{a} \wedge b \wedge c \wedge \overline{d}) \vee (\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge d) \vee (a \wedge b \wedge \overline{c} \wedge d) \vee (a \wedge \overline{b} \wedge \overline{c} \wedge d)$
**726990	$(\overline{a} \wedge b \wedge \overline{c} \wedge \overline{d}) \vee (\overline{a} \wedge b \wedge c \wedge \overline{d}) \vee (a \wedge b \wedge \overline{c}) \vee (\overline{a} \wedge \overline{c})$
**727688	$(\overline{a} \wedge c \wedge \overline{d}) \vee (a \wedge \overline{b} \wedge c \wedge d) \vee (\overline{a} \wedge b \wedge c \wedge d) \vee (a \wedge b \wedge c \wedge \overline{d})$
**729927	$(\overline{a} \wedge c) \vee (a \wedge \overline{c} \wedge \overline{d}) \vee (\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge d) \vee (a \wedge b \wedge \overline{c}) \vee (\overline{a} \wedge b \wedge d)$
**730764	$(\overline{a} \wedge \overline{b} \wedge c \wedge \overline{d}) \vee (b \wedge \overline{c} \wedge d) \vee (\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge d) \vee (a \wedge \overline{b} \wedge c) \vee (\overline{a} \wedge \overline{b} \wedge \overline{c})$
**758447	$(a \wedge b \wedge c \wedge d) \vee (\overline{a} \wedge b \wedge c \wedge \overline{d}) \vee (a \wedge \overline{b} \wedge c \wedge \overline{d}) \vee (\overline{a} \wedge \overline{b} \wedge c \wedge d) \vee (a \wedge b \wedge c \wedge d)$
**759207	$(a \wedge \overline{b} \wedge \overline{c} \wedge d) \vee (\overline{a} \wedge b \wedge c \wedge \overline{d}) \vee (a \wedge b \wedge c \wedge d) \vee (a \wedge b \wedge c \wedge \overline{d}) \vee (\overline{a} \wedge c \wedge d)$
**759713	$(\overline{a} \wedge \overline{b} \wedge c \wedge d) \vee (a \wedge b \wedge \overline{c} \wedge d) \vee (a \wedge b \wedge c \wedge \overline{d}) \vee (\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge d) \vee (\overline{a} \wedge \overline{b} \wedge c \wedge \overline{d}) \vee (\overline{b} \wedge \overline{c} \wedge \overline{d})$
**762571	$(\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge \overline{d}) \vee (a \wedge c \wedge d) \vee (a \wedge b \wedge c \wedge d) \vee (a \wedge b \wedge c \wedge \overline{d})$

**763328	$(\overline{a} \wedge \overline{b} \wedge c \wedge d) \vee (\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge \overline{d}) \vee (a \wedge b \wedge c \wedge \overline{d}) \vee (\overline{a \wedge \overline{b} \wedge \overline{c} \wedge d)$
**764751	$(\overline{a} \wedge \overline{b} \wedge c \wedge \overline{d}) \vee (a \wedge \overline{b} \wedge \overline{c} \wedge d) \vee (a \wedge b \wedge \overline{c} \wedge d) \vee (\overline{a} \wedge c \wedge \overline{d}) \vee (\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge \overline{d}) \vee (\overline{b} \wedge \overline{c} \wedge \overline{d})$
**766319	$(a \wedge b \wedge d) \vee (\overline{a} \wedge b \wedge \overline{c} \wedge \overline{d}) \vee (a \wedge b \wedge \overline{c} \wedge d) \vee (a \wedge \overline{b} \wedge d)$
**768596	$(b \wedge \overline{c} \wedge \overline{d}) \vee (\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge d) \vee (\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge d) \vee (\overline{a} \wedge b \wedge \overline{c} \wedge d)$
**769397	$(\overline{a} \wedge b \wedge c \wedge \overline{d}) \vee (\overline{a} \wedge \overline{b} \wedge c \wedge \overline{d}) \vee (\overline{a} \wedge \overline{b} \wedge c \wedge \overline{d}) \vee (a \wedge \overline{b} \wedge \overline{c} \wedge d)$
**769447	$(\overline{a} \wedge b \wedge c \wedge \overline{d}) \vee (\overline{a} \wedge b \wedge \overline{c} \wedge d) \vee (a \wedge c \wedge \overline{d}) \vee (\overline{a} \wedge \overline{b} \wedge c \wedge d) \vee (\overline{a} \wedge \overline{c} \wedge d)$
**769887	$(a \wedge b \wedge \overline{c} \wedge d) \vee (a \wedge \overline{b} \wedge c \wedge \overline{d}) \vee (\overline{a} \wedge \overline{b} \wedge c \wedge d) \vee (\overline{a} \wedge b \wedge c \wedge \overline{d}) \vee (a \wedge \overline{b} \wedge c \wedge \overline{d}) \vee (a \wedge b \wedge c \wedge \overline{d})$
**771960	$(\overline{a} \wedge b \wedge c \wedge \overline{d}) \vee (\overline{a} \wedge b \wedge \overline{c} \wedge \overline{d}) \vee (\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge d) \vee (\overline{a} \wedge b \wedge \overline{c}) \vee (a \wedge b \wedge \overline{c} \wedge d) \vee (a \wedge b \wedge \overline{c})$
**772569	$(a \wedge b \wedge d) \vee (a \wedge \overline{b} \wedge c \wedge d) \vee (a \wedge b \wedge c \wedge d) \vee (\overline{a} \wedge \overline{b} \wedge c \wedge d) \vee (a \wedge \overline{b} \wedge d) \vee (\overline{a} \wedge b \wedge c \wedge \overline{d})$
**772684	$(\overline{b} \wedge \overline{c} \wedge \overline{d}) \vee (\overline{a} \wedge \overline{b} \wedge c \wedge d) \vee (a \wedge \overline{c} \wedge \overline{d}) \vee (a \wedge \overline{b} \wedge c \wedge \overline{d}) \vee (\overline{a} \wedge c \wedge d)$
**775597	$(\overline{b} \wedge c \wedge \overline{d}) \vee (a \wedge b \wedge \overline{c} \wedge \overline{d}) \vee (a \wedge \overline{b} \wedge c) \vee (a \wedge b \wedge c \wedge \overline{d}) \vee (a \wedge b \wedge c \wedge \overline{d})$
**775620	$(\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge d) \vee (a \wedge b \wedge \overline{c} \wedge d) \vee (\overline{a} \wedge \overline{b} \wedge c \wedge d) \vee (\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge \overline{d}) \vee (\overline{a} \wedge b \wedge \overline{d}) \vee (\overline{a} \wedge \overline{b} \wedge \overline{c})$
**776889	$\overline{(\overline{a} \wedge b \wedge \overline{c} \wedge \overline{d})} \vee (a \wedge b \wedge \overline{c} \wedge d) \vee (\overline{a} \wedge \overline{b} \wedge c \wedge \overline{d}) \vee (a \wedge \overline{b} \wedge d)$
**780126	$(\overline{a} \wedge b \wedge \overline{d}) \vee (a \wedge b \wedge c \wedge \overline{d}) \vee (b \wedge c \wedge \overline{d}) \vee (\overline{a} \wedge b \wedge c \wedge \overline{d})$
**781316	$\overline{(\overline{b} \wedge \overline{c} \wedge d)} \vee (a \wedge b \wedge \overline{c} \wedge d) \vee (\overline{a} \wedge b \wedge c \wedge \overline{d}) \vee (\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge \overline{d}) \vee (\overline{a} \wedge b \wedge \overline{c} \wedge \overline{d}) \vee (a \wedge \overline{b} \wedge c \wedge \overline{d})$
**781406	$(\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge d) \vee (a \wedge \overline{b} \wedge \overline{c} \wedge d) \vee (b \wedge c \wedge d) \vee (b \wedge c) \vee (\overline{a} \wedge c \wedge d) \vee (a \wedge b \wedge c \wedge \overline{d})$
**783542	$\overline{(\overline{a} \wedge b \wedge c \wedge \overline{d})} \vee (\overline{b} \wedge c \wedge d) \vee (a \wedge b \wedge \overline{c} \wedge \overline{d}) \vee (\overline{a} \wedge \overline{b} \wedge c \wedge d) \vee (a \wedge b \wedge c \wedge \overline{d})$
**783956	$(\overline{a} \wedge b \wedge d) \vee (a \wedge \overline{b} \wedge c \wedge \overline{d}) \vee (\overline{a} \wedge b \wedge \overline{c} \wedge \overline{d}) \vee (a \wedge \overline{b} \wedge \overline{c}) \vee (\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge d)$
**784064	$(\overline{a} \wedge b \wedge c \wedge \overline{d}) \vee (a \wedge \overline{b} \wedge c \wedge \overline{d}) \vee (\overline{a} \wedge \overline{b} \wedge c) \vee (a \wedge \overline{b} \wedge \overline{c} \wedge d) \vee (\overline{a} \wedge \overline{c} \wedge d) \vee (\overline{a} \wedge \overline{b} \wedge c \wedge \overline{d})$
**785175	$(a \wedge b \wedge c \wedge d) \vee (\overline{a} \wedge \overline{b} \wedge c \wedge d) \vee (\overline{a} \wedge b \wedge \overline{c} \wedge d) \vee (\overline{a}) \vee (\overline{a} \wedge b \wedge \overline{c} \wedge d)$
**786275	$(a \wedge b \wedge c \wedge \overline{d}) \vee (\overline{a} \wedge b \wedge c) \vee (\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge d) \vee (\overline{a} \wedge \overline{c}) \vee (a \wedge \overline{b} \wedge d) \vee (a \wedge \overline{b} \wedge c \wedge \overline{d})$
**786281	$(\overline{a} \wedge b \wedge \overline{d}) \vee (b \wedge c \wedge \overline{d}) \vee (\overline{a} \wedge b \wedge c \wedge d) \vee (\overline{a} \wedge b \wedge c \wedge d)$
**786827	$(a \wedge b \wedge c) \vee (\overline{a} \wedge \overline{b} \wedge c \wedge \overline{d}) \vee (\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge \overline{d}) \vee (a \wedge \overline{b} \wedge \overline{c}) \vee (a \wedge \overline{b} \wedge c) \vee (a \wedge \overline{b} \wedge c \wedge \overline{d})$
**787240	$(b \wedge \overline{c} \wedge \overline{d}) \vee (a \wedge b \wedge \overline{c} \wedge \overline{d}) \vee (a \wedge \overline{b} \wedge \overline{c} \wedge \overline{d}) \vee (a \wedge b \wedge c \wedge \overline{d})$
**787447	$(\overline{a} \wedge \overline{c} \wedge d) \vee (\overline{a} \wedge b \wedge \overline{d}) \vee (\overline{b} \wedge d) \vee (\overline{a} \wedge b \wedge d)$
**788820	$(\overline{b} \wedge \overline{c} \wedge \overline{d}) \vee (a \wedge \overline{b} \wedge c \wedge d) \vee (\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge \overline{d}) \vee (a \wedge b \wedge \overline{c} \wedge d) \vee (a \wedge \overline{b} \wedge c \wedge \overline{d})$
**793263	$(\overline{a} \wedge b \wedge c \wedge \overline{d}) \vee (a \wedge b \wedge \overline{c} \wedge d) \vee (\overline{a} \wedge c \wedge \overline{d}) \vee \overline{(\overline{b} \wedge \overline{c})}$
**793265	$(a \wedge \overline{b} \wedge \overline{c} \wedge \overline{d}) \vee (\overline{a} \wedge b \wedge d) \vee (a \wedge b \wedge \overline{c} \wedge d) \vee (\overline{a} \wedge \overline{b} \wedge c \wedge \overline{d}) \vee (a \wedge \overline{c} \wedge d)$

**795410	$(\overline{a} \wedge b \wedge c \wedge d) \vee (\overline{a} \wedge \overline{b} \wedge \overline{d}) \vee (a \wedge b \wedge d) \vee (a \wedge b \wedge c \wedge \overline{d}) \vee (\overline{c} \wedge \overline{d})$
**797404	$(a \wedge b \wedge c \wedge \overline{d}) \vee (a \wedge \overline{b} \wedge c \wedge d) \vee (\overline{a} \wedge b \wedge \overline{c} \wedge d) \vee (a \wedge b \wedge \overline{c} \wedge \overline{d})$
**797763	$(a \wedge b \wedge c \wedge d) \vee (\overline{a} \wedge b \wedge \overline{c} \wedge d) \vee (a \wedge b \wedge c) \vee (\overline{a} \wedge b \wedge d)$
**797790	$(\overline{a} \wedge b \wedge c \wedge d) \vee (\overline{a} \wedge \overline{b} \wedge c \wedge \overline{d}) \vee (\overline{a} \wedge b \wedge \overline{c} \wedge d) \vee (\overline{a} \wedge \overline{b} \wedge c \wedge \overline{d}) \vee (a \wedge \overline{b} \wedge \overline{c}) \vee (\overline{a} \wedge b \wedge c \wedge d)$
**798174	$(\overline{a} \wedge \overline{b} \wedge c \wedge \overline{d}) \vee (a \wedge b \wedge \overline{c} \wedge \overline{d}) \vee (a \wedge b \wedge \overline{c} \wedge d) \vee (a \wedge b \wedge \overline{c} \wedge \overline{d}) \vee (b \wedge \overline{c} \wedge d) \vee (a \wedge b \wedge \overline{c} \wedge \overline{d})$
**799013	$(a \wedge \overline{c} \wedge d) \vee (\overline{b} \wedge \overline{c} \wedge \overline{d}) \vee (a \wedge \overline{b} \wedge \overline{c} \wedge \overline{d}) \vee (\overline{b} \wedge c \wedge d) \vee (a \wedge \overline{b} \wedge \overline{c} \wedge \overline{d})$
**799802	$(a \wedge b \wedge \overline{d}) \vee \overline{(\overline{a} \wedge \overline{b} \wedge d)} \vee (\overline{a} \wedge b \wedge c \wedge d) \vee \overline{(\overline{a} \wedge \overline{b} \wedge c \wedge d)} \vee (\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge d) \vee (\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge \overline{d})$
**801026	$(a \wedge \overline{b} \wedge c) \vee (a \wedge c \wedge \overline{d}) \vee (\overline{a} \wedge \overline{b} \wedge c \wedge d) \vee (c \wedge d)$
**802265	$(a \wedge b \wedge c \wedge d) \vee (\overline{a} \wedge \overline{c} \wedge \overline{d}) \vee (a \wedge c \wedge \overline{d}) \vee (a \wedge b \wedge \overline{c} \wedge \overline{d}) \vee (a \wedge \overline{b} \wedge \overline{c} \wedge d) \vee (\overline{a} \wedge \overline{b} \wedge c \wedge \overline{d})$
**802874	$(\overline{a} \wedge \overline{b} \wedge c \wedge d) \vee (a \wedge b \wedge \overline{c} \wedge d) \vee (a \wedge \overline{b} \wedge \overline{c} \wedge \overline{d}) \vee (c \wedge \overline{d}) \vee (\overline{a} \wedge \overline{b} \wedge c \wedge d)$
**804855	$(\overline{a} \wedge b \wedge \overline{c} \wedge d) \vee (\overline{a} \wedge \overline{b} \wedge c) \vee (\overline{a} \wedge b \wedge \overline{c} \wedge \overline{d}) \vee (\overline{a} \wedge c \wedge d)$
**825524	$(\overline{a} \wedge b \wedge c \wedge d) \vee (a \wedge \overline{c}) \vee (\overline{a} \wedge \overline{b} \wedge c \wedge d) \vee (\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge d) \vee (\overline{a} \wedge b \wedge c \wedge \overline{d})$
**828692	$(a \wedge b \wedge c \wedge \overline{d}) \vee (a \wedge c \wedge \overline{d}) \vee (b \wedge \overline{c}) \vee (\overline{a} \wedge b \wedge \overline{d})$
**829277	$(a \wedge b \wedge \overline{c} \wedge \overline{d}) \vee (a \wedge \overline{c} \wedge \overline{d}) \vee (b \wedge c \wedge d) \vee (a \wedge \overline{b} \wedge \overline{c} \wedge d) \vee (\overline{a} \wedge \overline{b} \wedge c \wedge \overline{d}) \vee (\overline{a} \wedge b \wedge \overline{c} \wedge \overline{d})$
**231146	$(a \wedge \overline{b} \wedge c \wedge d) \vee (\overline{a} \wedge b \wedge d) \vee (\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge \overline{d}) \vee (a \wedge \overline{b} \wedge \overline{c} \wedge d) \vee (\overline{a} \wedge b \wedge \overline{d}) \vee (\overline{a} \wedge b \wedge c \wedge d)$
**234138	$(\overline{b} \wedge \overline{c} \wedge d) \vee (a \wedge b \wedge \overline{c} \wedge d) \vee (\overline{a} \wedge b \wedge \overline{c} \wedge d) \vee (\overline{a} \wedge b \wedge \overline{c} \wedge \overline{d})$
**264343	$(a \wedge \overline{b} \wedge \overline{c} \wedge d) \vee (a \wedge b \wedge c \wedge \overline{d}) \vee (b \wedge \overline{c} \wedge \overline{d}) \vee (a \wedge \overline{b} \wedge c)$
**273207	$\overline{(a \wedge c \wedge \overline{d})} \vee (a \wedge b \wedge c \wedge \overline{d}) \vee (a \wedge b \wedge c \wedge d) \vee (\overline{a} \wedge b \wedge d)$
**371822	$(b \wedge \overline{c}) \vee (a \wedge \overline{b} \wedge \overline{c} \wedge d) \vee (\overline{a} \wedge \overline{b} \wedge c \wedge d) \vee (\overline{a} \wedge c)$
**437343	$(a \wedge \overline{b} \wedge c \wedge \overline{d}) \vee (\overline{c} \wedge \overline{d}) \vee (\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge d) \vee (a \wedge \overline{b} \wedge c \wedge \overline{d}) \vee (b \wedge c \wedge d)$
**748968	$(a \wedge \overline{b} \wedge \overline{c}) \vee (\overline{a} \wedge \overline{b} \wedge c \wedge d) \vee (a \wedge b \wedge c \wedge d) \vee (\overline{a} \wedge b \wedge \overline{c} \wedge \overline{d}) \vee (a \wedge b \wedge \overline{c} \wedge \overline{d})$
**761970	$(\overline{a} \wedge c) \vee (\overline{a} \wedge c \wedge d) \vee (a \wedge b \wedge \overline{c} \wedge d) \vee (b \wedge \overline{d}) \vee (b \wedge \overline{c} \wedge d) \vee (a \wedge b \wedge c \wedge d)$
**380360	$(\overline{a} \wedge \overline{c} \wedge d) \vee (\overline{a} \wedge \overline{c} \wedge d) \vee (\overline{a} \wedge b \wedge c) \vee (\overline{a} \wedge b \wedge \overline{c} \wedge d)$
**382406	$(\overline{a} \wedge b \wedge c \wedge d) \vee (\overline{a} \wedge b \wedge c \wedge d) \vee (\overline{a} \wedge b \wedge c \wedge d) \vee (\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge d)$
**508945	$\overline{(a \wedge b \wedge c \wedge d)} \vee (a \wedge \overline{b} \wedge c \wedge d) \vee (\overline{a} \wedge b \wedge c \wedge d) \vee (\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge \overline{d})$
**590435	$(a \wedge \overline{b} \wedge \overline{c} \wedge \overline{d}) \vee (a \wedge \overline{b} \wedge \overline{c} \wedge \overline{d}) \vee (\overline{a} \wedge b \wedge c \wedge d) \vee (\overline{a} \wedge \overline{b} \wedge \overline{c}) \vee (a \wedge b \wedge c \wedge \overline{d})$
**593797	$(a \wedge b \wedge \overline{c}) \vee (a \wedge b \wedge \overline{c} \wedge d) \vee (a \wedge \overline{b} \wedge c \wedge \overline{d}) \vee (\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge d) \vee (\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge d) \vee (\overline{a} \wedge \overline{b} \wedge \overline{d})$
**771466	$\overline{(a \wedge b \wedge c \wedge d)} \vee (\overline{b} \wedge \overline{d}) \vee (\overline{a} \wedge \overline{c} \wedge d) \vee (\overline{a} \wedge c \wedge d) \vee (\overline{a} \wedge b \wedge \overline{c} \wedge d)$

**236812	<del></del>
200012	$(\overline{a} \wedge \overline{b} \wedge c \wedge \overline{d}) \vee (\overline{a} \wedge \overline{c} \wedge \overline{d}) \vee (\overline{a} \wedge b \wedge \overline{c} \wedge \overline{d}) \vee (a \wedge \overline{b} \wedge c \wedge d) \vee (a \wedge \overline{b} \wedge \overline{c})$
**238758	$(a \wedge \overline{b} \wedge c \wedge d) \vee (\overline{a} \wedge \overline{b} \wedge c \wedge d) \vee (a \wedge \overline{b} \wedge c \wedge \overline{d}) \vee (a \wedge b \wedge c \wedge d) \vee (\overline{a} \wedge b \wedge \overline{d})$
**253721	$(\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge \overline{d}) \vee (a \wedge \overline{b} \wedge \overline{d}) \vee (\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge \overline{d}) \vee (a \wedge \overline{b} \wedge c \wedge \overline{d}) \vee (\overline{a} \wedge b \wedge c \wedge \overline{d}) \vee (a \wedge \overline{b} \wedge \overline{c} \wedge d)$
**254578	$(a \wedge \overline{c} \wedge \overline{d}) \vee (a \wedge b \wedge c \wedge \overline{d}) \vee (a \wedge \overline{c} \wedge d) \vee \overline{(\overline{a} \wedge \overline{b} \wedge c \wedge \overline{d})} \vee \overline{(\overline{a} \wedge \overline{b} \wedge \overline{d})}$
**3658396	$(a \wedge \overline{b} \wedge c \wedge \overline{d}) \vee (a \wedge b \wedge c \wedge d) \vee (a \wedge b \wedge \overline{c} \wedge \overline{d}) \vee (a \wedge c \wedge \overline{d})$
**782057	$(a \wedge \overline{b} \wedge \overline{c} \wedge \overline{d}) \vee (\overline{a} \wedge b \wedge \overline{c} \wedge d) \vee (a \wedge \overline{b} \wedge \overline{c} \wedge d) \vee (a \wedge \overline{b} \wedge c \wedge \overline{d}) \vee (a \wedge \overline{b} \wedge c \wedge \overline{d}) \vee (a \wedge \overline{b} \wedge c \wedge \overline{d})$
**243297	$(\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge d) \vee (a \wedge \overline{b} \wedge c \wedge \overline{d}) \vee (a \wedge b \wedge \overline{c} \wedge \overline{d}) \vee (b \wedge d) \vee (\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge d)$
**247372	$(a \wedge b \wedge \overline{c} \wedge \overline{d}) \vee (a \wedge \overline{b} \wedge c \wedge \overline{d}) \vee (\overline{a} \wedge b \wedge c \wedge d) \vee (a \wedge \overline{b} \wedge c \wedge d) \vee (a \wedge \overline{b} \wedge c \wedge d) \vee (a \wedge b \wedge c \wedge d)$
**748820	$(\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge \overline{d}) \vee (a \wedge b \wedge \overline{c}) \vee (a \wedge b \wedge c \wedge \overline{d}) \vee (a \wedge b \wedge c \wedge d) \vee (b \wedge c \wedge \overline{d}) \vee (a \wedge b \wedge c \wedge d)$
**977000	$(a \wedge \overline{b} \wedge c \wedge \overline{d}) \vee (\overline{a} \wedge \overline{b} \wedge \overline{c}) \vee \overline{(\overline{a} \wedge b \wedge d)} \vee (a \wedge \overline{b} \wedge \overline{c} \wedge \overline{d})$
**978792	$(a \wedge b \wedge c \wedge \overline{d}) \vee (\overline{a \wedge \overline{c} \wedge \overline{d}}) \vee (a \wedge b \wedge c \wedge d) \vee (\overline{a} \wedge b \wedge \overline{c} \wedge \overline{d}) \vee (\overline{a} \wedge \overline{d})$
**979202	$(a \wedge b \wedge \overline{c} \wedge \overline{d}) \vee (\overline{a} \wedge \overline{c} \wedge \overline{d}) \vee (\overline{a} \wedge \overline{b} \wedge c \wedge \overline{d}) \vee (\overline{a} \wedge b \wedge c \wedge \overline{d}) \vee (a \wedge b \wedge d) \vee (a \wedge \overline{b} \wedge \overline{c})$
**979953	$(b \wedge c \wedge \overline{d}) \vee (a \wedge \overline{b} \wedge c \wedge \overline{d}) \vee (\overline{a} \wedge b \wedge c \wedge \overline{d}) \vee (\overline{a} \wedge b \wedge c \wedge \overline{d}) \vee (\overline{a} \wedge b \wedge \overline{c} \wedge \overline{d}) \vee (a \wedge b \wedge c \wedge \overline{d})$
**979989	$(b \wedge c \wedge \overline{d}) \vee (\overline{a} \wedge b \wedge \overline{c} \wedge d) \vee (a \wedge \overline{b} \wedge \overline{c} \wedge d) \vee (a \wedge \overline{b} \wedge c \wedge d) \vee (\overline{a} \wedge \overline{b} \wedge c \wedge \overline{d}) \vee (a \wedge c)$
**207285	$(a \wedge b \wedge c \wedge \overline{d}) \vee (\overline{a} \wedge \overline{b} \wedge c \wedge \overline{d}) \vee (a \wedge \overline{b} \wedge c \wedge \overline{d}) \vee (a \wedge b \wedge c \wedge \overline{d}) \vee (\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge \overline{d})$
**488456	$(\overline{a} \wedge \overline{b} \wedge \overline{c}) \vee (a \wedge \overline{b} \wedge c \wedge d) \vee (a \wedge b \wedge \overline{c}) \vee (\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge \overline{d})$
**798502	$(a \wedge \overline{b} \wedge c \wedge \overline{d}) \vee \overline{(\overline{a} \wedge b \wedge \overline{c})} \vee (a \wedge \overline{b} \wedge c \wedge \overline{d}) \vee (\overline{a} \wedge b \wedge c \wedge \overline{d}) \vee (a \wedge b \wedge \overline{c} \wedge \overline{d})$
**357345	$(a \wedge b \wedge \overline{c} \wedge \overline{d}) \vee (a \wedge \overline{c} \wedge \overline{d}) \vee (\overline{a} \wedge \overline{b} \wedge c) \vee (\overline{a} \wedge \overline{b} \wedge c \wedge d) \vee \overline{(a \wedge b \wedge c \wedge d)}$
**673185	$(a \wedge b \wedge c \wedge d) \vee (a \wedge \overline{b} \wedge \overline{c} \wedge \overline{d}) \vee (a \wedge \overline{b} \wedge \overline{c} \wedge d) \vee (a \wedge \overline{b} \wedge \overline{c}) \vee (\overline{a} \wedge b \wedge \overline{c} \wedge d) \vee (a \wedge \overline{d})$
**953098	$(\overline{a} \wedge b \wedge c \wedge \overline{d}) \vee (\overline{a} \wedge b \wedge \overline{c}) \vee (\overline{a} \wedge b \wedge \overline{c} \wedge \overline{d}) \vee (\overline{a} \wedge \overline{b} \wedge c \wedge \overline{d}) \vee (\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge \overline{d})$
**903148	$(\overline{a} \wedge c \wedge \overline{d}) \vee (\overline{a} \wedge b \wedge c \wedge \overline{d}) \vee (\overline{a} \wedge \overline{b} \wedge \overline{c}) \vee (a \wedge \overline{b} \wedge c \wedge \overline{d}) \vee (\overline{a} \wedge b \wedge \overline{c} \wedge \overline{d}) \vee (\overline{a} \wedge \overline{b} \wedge \overline{c})$
**011239	$(\overline{a} \wedge \overline{c} \wedge d) \vee (a \wedge \overline{b} \wedge c) \vee (a \wedge \overline{b} \wedge \overline{c} \wedge d) \vee (\overline{a} \wedge b \wedge c \wedge d) \vee (\overline{a} \wedge \overline{b} \wedge \overline{c}) \vee (a \wedge \overline{b} \wedge \overline{c} \wedge d)$
**015425	$(a \wedge \overline{b} \wedge d) \vee (\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge \overline{d}) \vee (\overline{a} \wedge b \wedge c \wedge d) \vee (\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge d) \vee (\overline{a} \wedge \overline{b} \wedge \overline{d}) \vee (\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge d)$
**019807	$(a \wedge \overline{b} \wedge \overline{c} \wedge d) \vee (\overline{a} \wedge b \wedge \overline{c} \wedge \overline{d}) \vee (\overline{b} \wedge \overline{c} \wedge d) \vee (\overline{b} \wedge \overline{c}) \vee (\overline{b} \wedge \overline{c} \wedge d)$
**246693	$(a \wedge c \wedge d) \vee (a \wedge b \wedge \overline{c} \wedge \overline{d}) \vee (a \wedge b \wedge d) \vee (a \wedge \overline{b} \wedge \overline{c} \wedge \overline{d}) \vee (\overline{a} \wedge b \wedge d)$
**383592	$(a \wedge \overline{b} \wedge c \wedge \overline{d}) \vee (\overline{a} \wedge b \wedge \overline{c} \wedge \overline{d}) \vee (\overline{a} \wedge c \wedge \overline{d}) \vee (a \wedge b \wedge \overline{c} \wedge d)$
**384647	$(a \wedge b \wedge \overline{c} \wedge \overline{d}) \vee (b \wedge c \wedge d) \vee (\overline{a} \wedge b \wedge \overline{c} \wedge \overline{d}) \vee (\overline{c} \wedge d) \vee (a \wedge \overline{b} \wedge c \wedge \overline{d})$
**387089	$(\overline{a} \wedge b \wedge \overline{c} \wedge d) \vee (\overline{d}) \vee (\overline{a} \wedge b \wedge \overline{c}) \vee (\overline{a} \wedge \overline{b} \wedge c) \vee \overline{(\overline{a} \wedge b \wedge c)}$

**390833	$(a \wedge b \wedge c \wedge d) \vee (\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge \overline{d}) \vee (\overline{a} \wedge b \wedge d) \vee (a \wedge \overline{c} \wedge d)$
**394309	$(a \wedge b \wedge c \wedge d) \vee (\overline{b} \wedge c) \vee (\overline{a} \wedge c \wedge \overline{d}) \vee (a \wedge \overline{c} \wedge \overline{d}) \vee (a \wedge \overline{b} \wedge \overline{c} \wedge \overline{d}) \vee (\overline{a} \wedge b \wedge c \wedge \overline{d})$
**394830	$(a \wedge \overline{c} \wedge d) \vee (a \wedge \overline{b} \wedge \overline{c} \wedge \overline{d}) \vee (\overline{a} \wedge b \wedge \overline{c} \wedge d) \vee (\overline{a} \wedge b \wedge \overline{c} \wedge d)$
**395359	$(a \wedge b \wedge \overline{c} \wedge d) \vee (\overline{a} \wedge c \wedge d) \vee (\overline{a} \wedge b \wedge c \wedge d) \vee (\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge \overline{d}) \vee (\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge d) \vee (\overline{a} \wedge \overline{b} \wedge c \wedge d)$
**396384	$(a \wedge b \wedge c \wedge d) \vee (a \wedge \overline{b} \wedge \overline{c}) \vee (a \wedge b \wedge c \wedge d) \vee (a \wedge c \wedge \overline{d}) \vee (a \wedge b \wedge \overline{c})$
**445428	$(a \wedge b \wedge \overline{c} \wedge d) \vee (a \wedge b \wedge c \wedge \overline{d}) \vee (\overline{a} \wedge b \wedge \overline{c} \wedge d) \vee (\overline{a} \wedge \overline{b} \wedge c \wedge d) \vee \overline{(\overline{a} \wedge \overline{b} \wedge c \wedge \overline{d})}$
**528109	$(\overline{a} \wedge b \wedge \overline{c} \wedge \overline{d}) \vee (\overline{a} \wedge b \wedge \overline{c} \wedge \overline{d}) \vee (\overline{a} \wedge \overline{c} \wedge d) \vee (a \wedge b \wedge c \wedge d) \vee (\overline{a} \wedge \overline{b} \wedge c \wedge d)$
**533832	$(b \wedge \overline{c} \wedge d) \vee (\overline{b} \wedge \overline{c} \wedge \overline{d}) \vee (a \wedge b \wedge \overline{c} \wedge \overline{d}) \vee (\overline{a} \wedge \overline{b} \wedge c \wedge \overline{d})$
**535695	$(\overline{a} \wedge \overline{b} \wedge d) \vee (a \wedge \overline{b} \wedge c \wedge d) \vee (\overline{a} \wedge c \wedge d) \vee (\overline{a} \wedge c \wedge \overline{d}) \vee (a \wedge b \wedge d)$
**042504	$(a \wedge \overline{b} \wedge \overline{c} \wedge d) \vee (\overline{a} \wedge \overline{b} \wedge c \wedge \overline{d}) \vee (a \wedge b \wedge c \wedge d) \vee (\overline{a} \wedge \overline{b} \wedge \overline{c}) \vee (\overline{a} \wedge \overline{b} \wedge \overline{c})$
**479691	$(a \wedge b \wedge \overline{c} \wedge d) \vee (a \wedge \overline{b} \wedge \overline{c} \wedge d) \vee \overline{(\overline{a} \wedge b \wedge c \wedge \overline{d})} \vee (a \wedge \overline{b} \wedge \overline{d}) \vee (\overline{a} \wedge b \wedge \overline{c} \wedge \overline{d})$
**096110	$(\overline{a} \wedge b \wedge c \wedge d) \vee (\overline{a} \wedge b \wedge c \wedge \overline{d}) \vee (a \wedge b \wedge \overline{c} \wedge \overline{d}) \vee (a \wedge b \wedge \overline{c} \wedge \overline{d}) \vee (a \wedge \overline{b} \wedge c \wedge d) \vee (a \wedge b \wedge c \wedge d)$
**159713	$(\overline{a} \wedge \overline{b} \wedge c \wedge d) \vee (a \wedge b \wedge c \wedge \overline{d}) \vee (a \wedge \overline{b} \wedge \overline{c} \wedge d) \vee (a \wedge \overline{b} \wedge c \wedge \overline{d}) \vee (a \wedge \overline{b} \wedge \overline{c} \wedge \overline{d})$
**556024	$(\overline{a} \wedge \overline{b} \wedge c \wedge d) \vee (\overline{a} \wedge b \wedge \overline{c}) \vee (\overline{a} \wedge \overline{b} \wedge c \wedge \overline{d}) \vee (\overline{a} \wedge \overline{b} \wedge c \wedge \overline{d}) \vee (\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge d) \vee (\overline{a} \wedge \overline{c} \wedge d)$
**569628	$(\overline{a} \wedge \overline{b} \wedge c \wedge d) \vee (\overline{a} \wedge \overline{b} \wedge c \wedge \overline{d}) \vee (\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge \overline{d}) \vee (\overline{a} \wedge b \wedge d) \vee (a \wedge b \wedge \overline{c})$
**561410	$(\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge d) \vee (\overline{a} \wedge b \wedge \overline{c} \wedge \overline{d}) \vee (a \wedge \overline{b} \wedge \overline{d}) \vee (\overline{a} \wedge \overline{b} \wedge c \wedge d)$
**382115	$(a \wedge \overline{b} \wedge c) \vee (a \wedge \overline{b} \wedge c \wedge d) \vee (\overline{a} \wedge \overline{c} \wedge d) \vee (\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge d) \vee (b \wedge d)$
**513800	$(\overline{a} \wedge \overline{b} \wedge c \wedge \overline{d}) \vee (a \wedge \overline{b} \wedge c \wedge d) \vee (\overline{a} \wedge b \wedge \overline{c} \wedge \overline{d}) \vee (\overline{a} \wedge b \wedge c \wedge d) \vee (\overline{a} \wedge c \wedge d)$
**644790	$(\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge d) \vee (\overline{a} \wedge b \wedge c \wedge \overline{d}) \vee (a \wedge b \wedge c) \vee (\overline{a} \wedge b \wedge c \wedge \overline{d}) \vee (a \wedge b \wedge c \wedge \overline{d})$
**281056	$(a \wedge \overline{b} \wedge \overline{c} \wedge \overline{d}) \vee (b \wedge \overline{c} \wedge \overline{d}) \vee (a \wedge b \wedge c \wedge \overline{d}) \vee (b \wedge \overline{c} \wedge \overline{d})$
**853366	$(\overline{a} \wedge b \wedge \overline{c} \wedge \overline{d}) \vee (\overline{a} \wedge c \wedge \overline{d}) \vee (\overline{a} \wedge \overline{b} \wedge c \wedge \overline{d}) \vee (b \wedge c) \vee (\overline{a} \wedge \overline{b} \wedge \overline{d}) \vee (\overline{b} \wedge c \wedge d)$
**D689247	$(\overline{b} \wedge \overline{c} \wedge d) \vee (\overline{a} \wedge c \wedge d) \vee (a \wedge b \wedge c \wedge d) \vee (\overline{a} \wedge \overline{b} \wedge c \wedge d) \vee (\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge d) \vee (\overline{a} \wedge \overline{b} \wedge \overline{d})$
**025435	$(a \wedge c \wedge \overline{d}) \vee (a \wedge b \wedge \overline{c} \wedge d) \vee (\overline{a} \wedge b \wedge c \wedge d) \vee (\overline{a} \wedge \overline{b} \wedge c \wedge d) \vee (\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge \overline{d})$
**132094	$(\overline{a} \wedge c \wedge \overline{d}) \vee (\overline{a} \wedge b \wedge \overline{c} \wedge d) \vee (\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge \overline{d}) \vee (\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge \overline{d}) \vee (a \wedge c \wedge d)$
**022911	$(\overline{a} \wedge b \wedge c \wedge d) \vee (\overline{a} \wedge b \wedge c \wedge d) \vee (\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge d) \vee (a \wedge \overline{b} \wedge \overline{c} \wedge \overline{d}) \vee (a \wedge \overline{b} \wedge \overline{c} \wedge d) \vee (\overline{a} \wedge b \wedge c \wedge d)$
**891204	$(a \wedge \overline{b} \wedge c \wedge \overline{d}) \vee (a \wedge \overline{b} \wedge \overline{c} \wedge d) \vee (\overline{b} \wedge \overline{c} \wedge \overline{d}) \vee (\overline{a} \wedge b \wedge c \wedge \overline{d}) \vee (a \wedge \overline{b} \wedge c)$
**483358	$(a \wedge b \wedge \overline{c} \wedge d) \vee \overline{(a \wedge b \wedge c)} \vee (\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge d) \vee (a \wedge \overline{b} \wedge c \wedge d) \vee (\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge d) \vee (a \wedge \overline{b} \wedge \overline{c} \wedge \overline{d})$
**780202	$(\overline{a} \wedge c \wedge \overline{d}) \vee (b \wedge c \wedge d) \vee (\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge \overline{d}) \vee (\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge d)$
**068761	$(\overline{a} \wedge \overline{c} \wedge d) \vee (\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge \overline{d}) \vee (a \wedge \overline{b} \wedge c \wedge d) \vee (a \wedge \overline{b} \wedge c \wedge \overline{d})$

**579269	$(\overline{a} \wedge b \wedge \overline{c}) \vee (b \wedge \overline{c} \wedge \overline{d}) \vee (\overline{b} \wedge \overline{c} \wedge \overline{d}) \vee (a \wedge \overline{b} \wedge c \wedge d) \vee (\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge \overline{d}) \vee (\overline{a} \wedge b \wedge c)$
**851059	$(\overline{a} \wedge b \wedge \overline{c} \wedge \overline{d}) \vee (\overline{a \wedge b \wedge c \wedge d}) \vee (b \wedge c \wedge \overline{d}) \vee (\overline{a} \wedge b \wedge c \wedge d) \vee (a \wedge \overline{b} \wedge \overline{c} \wedge \overline{d}) \vee (\overline{a} \wedge b \wedge \overline{d})$
**281851	$(a \wedge b \wedge \overline{c} \wedge d) \vee (a \wedge b \wedge \overline{d}) \vee (\overline{a} \wedge b \wedge \overline{c}) \vee (\overline{a} \wedge b \wedge \overline{c} \wedge \overline{d}) \vee (a \wedge \overline{b} \wedge c \wedge d) \vee (\overline{a} \wedge \overline{b} \wedge \overline{d})$
**6262359	$(\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge d) \vee (a \wedge b \wedge c \wedge \overline{d}) \vee (\overline{a} \wedge b \wedge c \wedge \overline{d}) \vee (\overline{a} \wedge \overline{b} \wedge \overline{c} \wedge \overline{d}) \vee (\overline{a} \wedge b \wedge c \wedge \overline{d})$