Seg Ter Qua Qui Sex Sáb Dom

(6) $\overline{(\bar{A} + \bar{B})} \cdot (\overline{A\bar{B}} + C\bar{D})$

$(\bar{\bar{A}} \cdot \bar{\bar{B}})(\overline{A\bar{B}} \cdot \overline{C\bar{D}})$

$(\bar{\bar{A}} \cdot B)((\bar{\bar{A}} + \bar{B}) \cdot (\bar{\bar{C}} + \bar{\bar{D}}))$

$A\bar{B}(A\bar{C} + A\bar{D} + \bar{B}C + \bar{B}D)$

$A\bar{B}\bar{C} + A\bar{B}D + A\bar{B}\bar{B}C + A\bar{B}\bar{B}D$

$\boxed{A\bar{B}\bar{C} + A\bar{B}D}$ ★

(7) $A\bar{B} + AC + BCD + D$

$A\bar{B} + AC + D(BC + 1)$

$A\bar{B} + AC + D$

(8) $\bar{A} + \bar{A}\bar{B} + BC\bar{D} + B\bar{D}$

$\bar{A}(1 + \bar{B}) + \bar{D}B(1 + C)$

$\boxed{\bar{A} + \bar{D}B}$