

$$6. (a), X + YZ + VW$$

$$= X + (Y+V)(Y+W)(Z+V)(Z+W)$$

$$= (X+Y+V)(X+Y+W)(X+Z+V)(X+Z+W)$$

$$(b) \quad X+Y = A \text{라 두면}$$

$$AZW + A'$$

$$= (A+A')(Z+A')(W+A')$$

$$= 1 (Z+(X+Y)')(W+(X+Y)')$$

$$= (Z+X'Y')(W+X'Y')$$

$$= (X'+Z)(Y'+Z)(X'+W)(Y'+W)$$