(a)
$$((x'+w)y' + wyz' + x'z(x+y))'$$

$$= (x'+w)y' \cdot (wyz)' \cdot (x'z'(x+y))'$$

$$= (x'+y') \cdot (w'+y'+z') \cdot (x+z') + x'y'$$

$$= (x'+y'z') \cdot (y'+z') + x'y'$$

$$= (x'+y'z') \cdot (y'+z') + x'y'$$

(d) $(x'y' + y(x+z))'$

$$= x' + (y'+y'(z+w))'$$

$$= x' + (y'+z') \cdot (y'+z')$$