⑤ a) $\dfrac{(ab+c)(b+c'd)}{\boxed{(a+c)(a+b)(b+c')(b+d)}}$

b) $\dfrac{(x+y')(y'+z)}{\boxed{y'(x+z)}}$

c) $x'z + wxy + wyz' + w'y'$

$x'(z+wy) + (y+w)(y'+wz')$

$$\boxed{x'(z+w)(z+y) + (y+w')(y'+w)(y'+z')}$$

d) $(xy + yz' + x'z)(x+z)$

$((xy + x'z) + yz')(x+z)$ Rule #2

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

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

$(x + y(1+z'))$

$(x+yz')(x'+yz'+z)(x+z)$

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

$$\boxed{(x+y)(x+z')(x'+z+y)(x')(x+z)}$$