⑤ b) $\dfrac{\operatorname{sen} 270^\circ \cdot \cos 135^\circ}{(1+\cos 225^\circ)(1-\cos 225^\circ)} = \dfrac{\operatorname{sen} 270^\circ \cdot \cos 135^\circ}{1-\cos^2 225^\circ} =$

- $\operatorname{sen} 270^\circ = -1$
- $\cos 135^\circ = -\dfrac{\sqrt{2}}{2}$
- $\cos 225^\circ = -\dfrac{\sqrt{2}}{2}$

$= \dfrac{-1 \cdot \left(-\frac{\sqrt{2}}{2}\right)}{1-\left(-\frac{\sqrt{2}}{2}\right)^2} = \dfrac{\frac{\sqrt{2}}{2}}{1-\frac{1}{2}} = \dfrac{\frac{\sqrt{2}}{2}}{\frac{-1}{2}} = -\sqrt{2}$

¡este cuadrado se me olvidó!