

Soluções dos exercícios sobre funções trigonométricas inversas

1. (a) $\pi/6$; (b) $\pi/3$; (c) $\pi/4$; (d) $-\pi/2$; (e) $-\pi/4$; (f) π .
2. (a) $1/2$; (b) $\pi/2$; (c) e ; (d) $\pi/3$; (e) $-\pi/6$; (f) $e - \pi$.
3. (a) $2\pi/3$; (b) $-\pi/6$; (c) $\pi/2$.
4. (a) $\sqrt{1-x^2}$; (b) $\sqrt{1-x^2}$; (c) $\sqrt{1-x^2}/x$; (d) $1/\sqrt{x^2+1}$; (e) $\frac{1-x^2}{1+x^2}$; (f) $2x\sqrt{1-x^2}$.