**6B Reciprocal Trigonometric Graphs**









1. Sketch, in the interval 0 ≤ θ ≤ 360, the graph of:

$$y=1+sec⁡(2θ)$$







1. Sketch the graph of:
2. $y=4cosecx,$ $0\leq x\leq 2π$





1. On the same axes, sketch the line $y=x$
2. State the number of solutions to the equation:

$$4cosecx-x=0         0\leq x\leq 2π$$