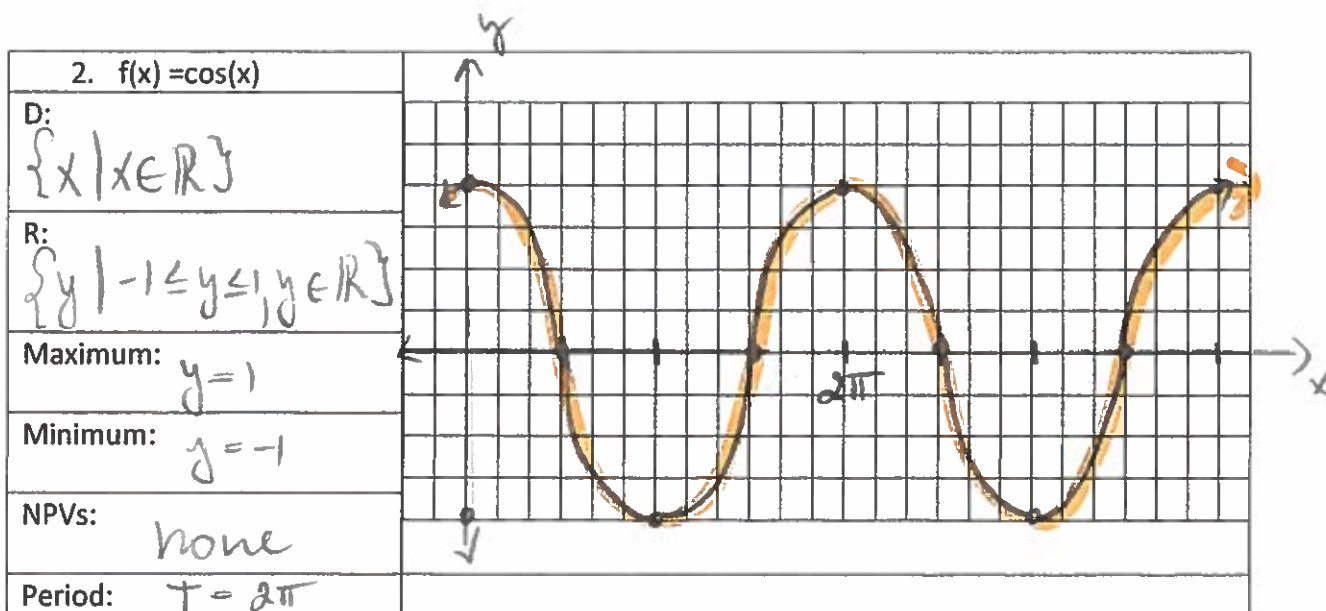
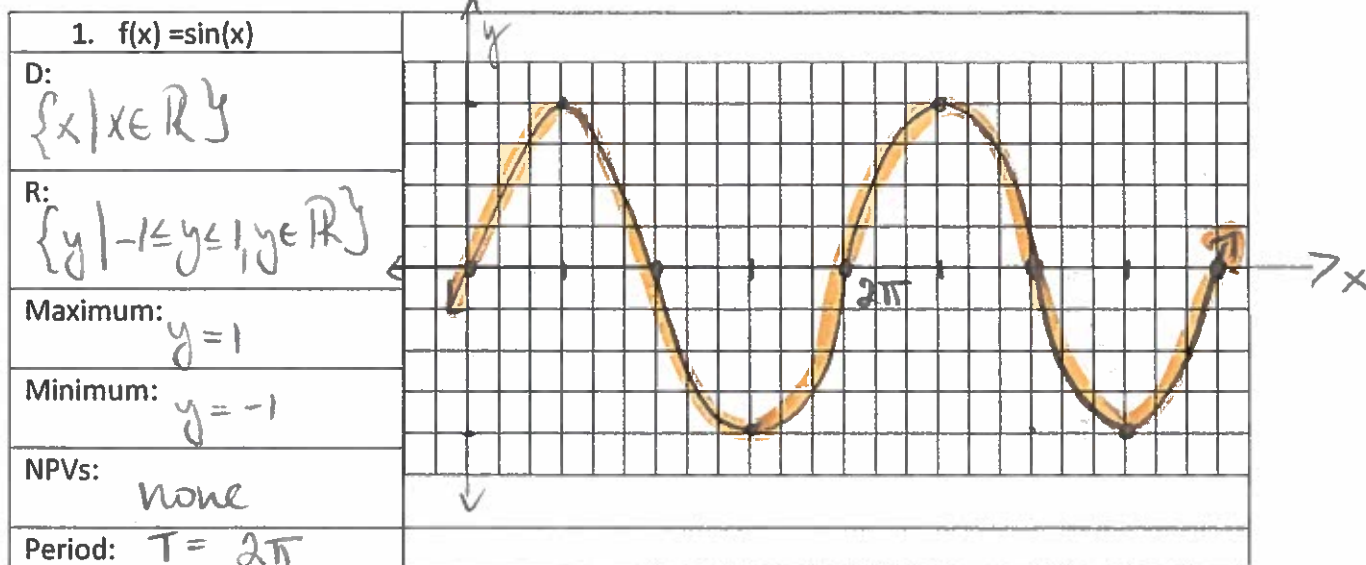
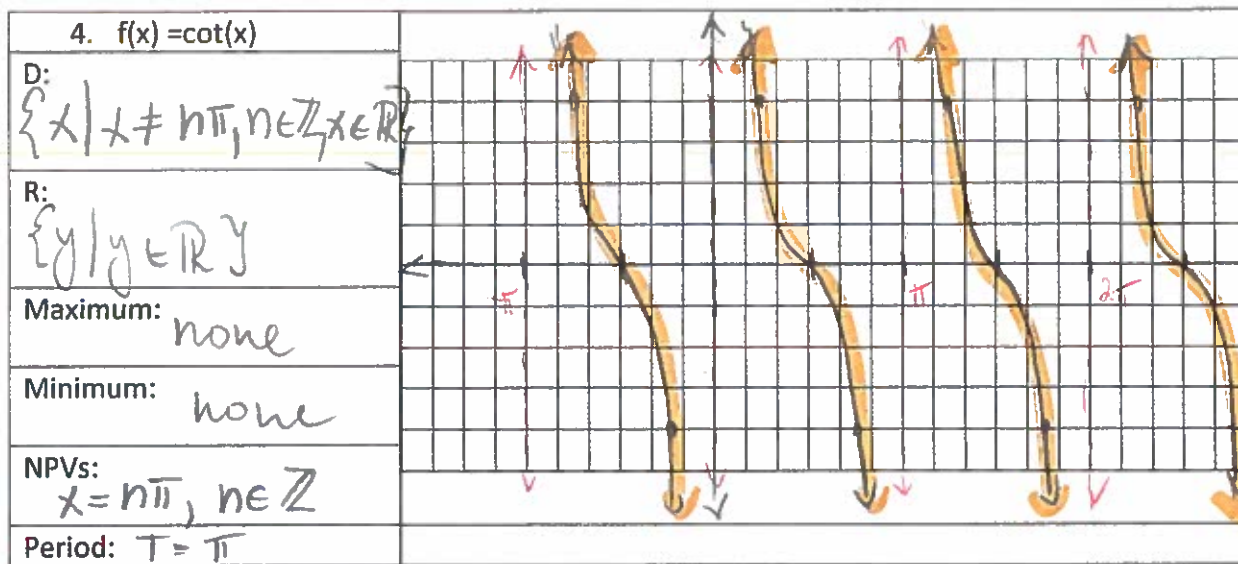
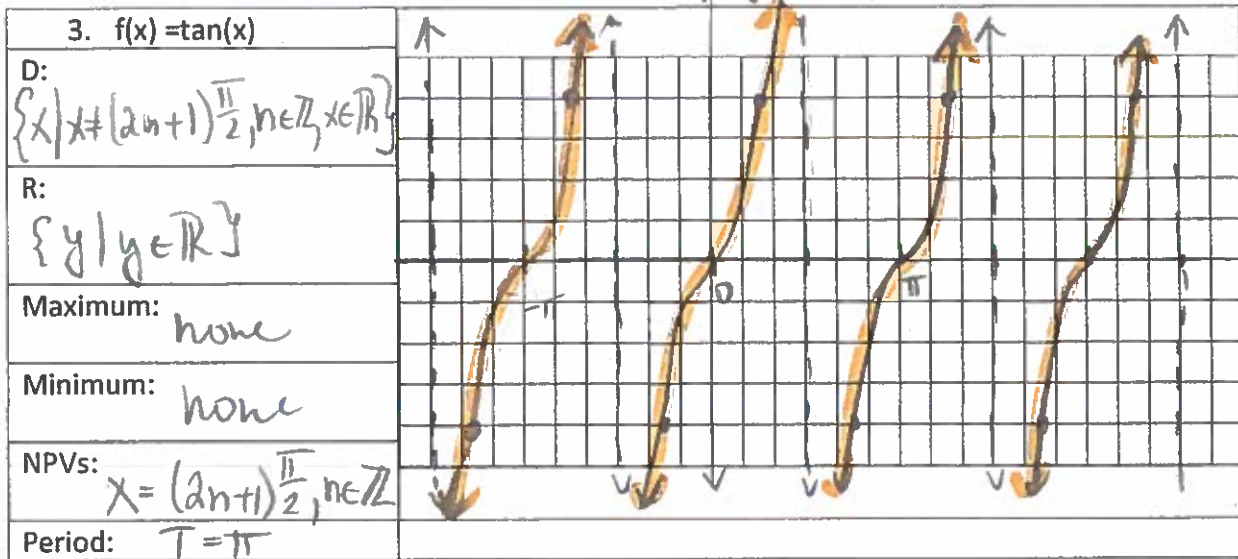


Trigonometric Functions – Review

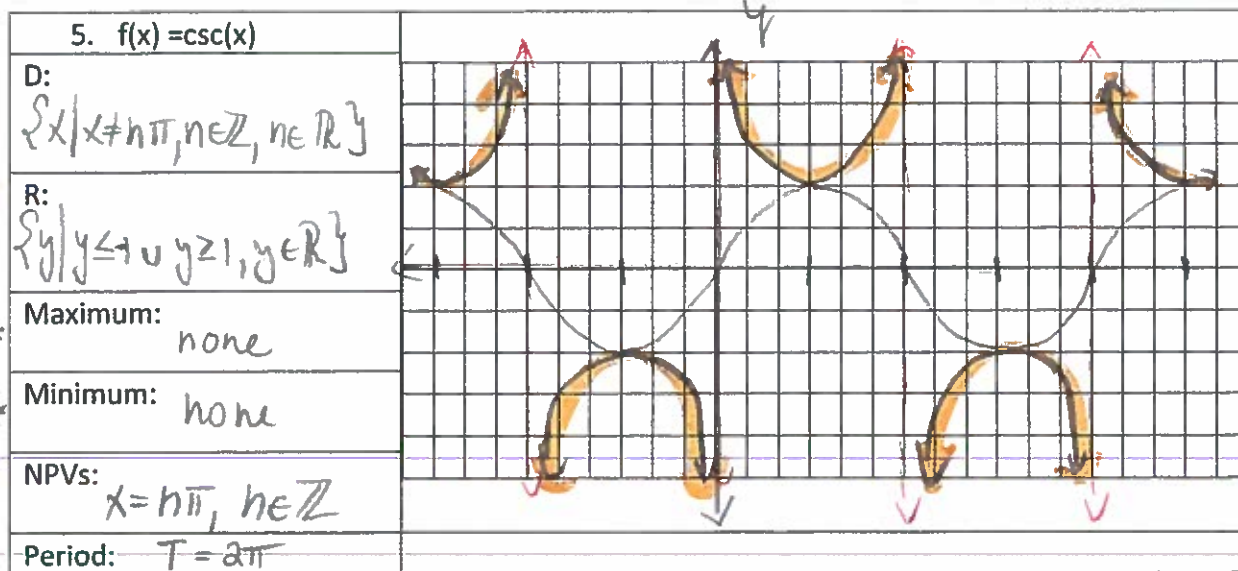
- Graph two cycles of each function.
- State the domain, range, period, maximum, minimum and NPVs if they exist.

Scale: $\frac{\text{I}}{\text{I}} = 1 \text{ unit}$ 

$$\tan \theta = \frac{\sin \theta}{\cos \theta}$$



$$\cot \theta = \frac{\cos \theta}{\sin \theta}$$



Scale:
[] = 1

*
*

Scale: $\left[\begin{array}{l} T \\ y=1 \end{array} \right]$

6. $f(x) = \sec(x)$	
D: $\{x \mid x \neq (2n+1)\frac{\pi}{2}, n \in \mathbb{Z}, x \in \mathbb{R}\}$	
R: $\{y \mid y \leq -1 \vee y \geq 1, y \in \mathbb{R}\}$	
Maximum: none	
Minimum: none	
NPVs: $x = (2n+1)\frac{\pi}{2}$	
Period: $T = 2\pi$	





