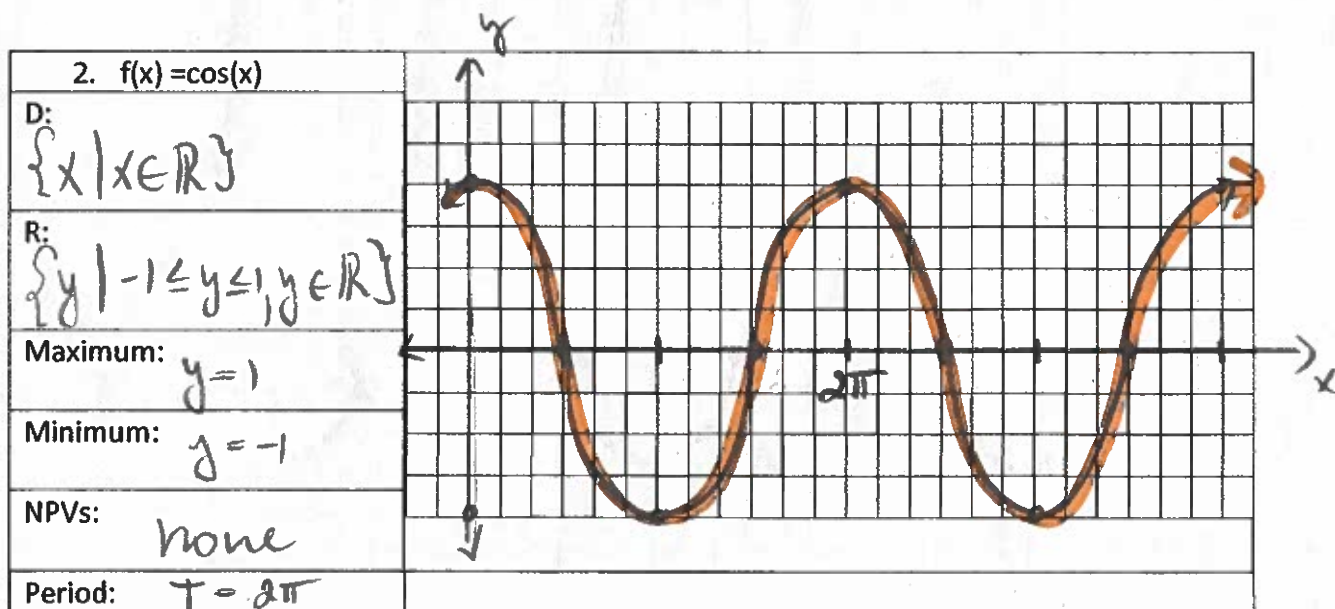
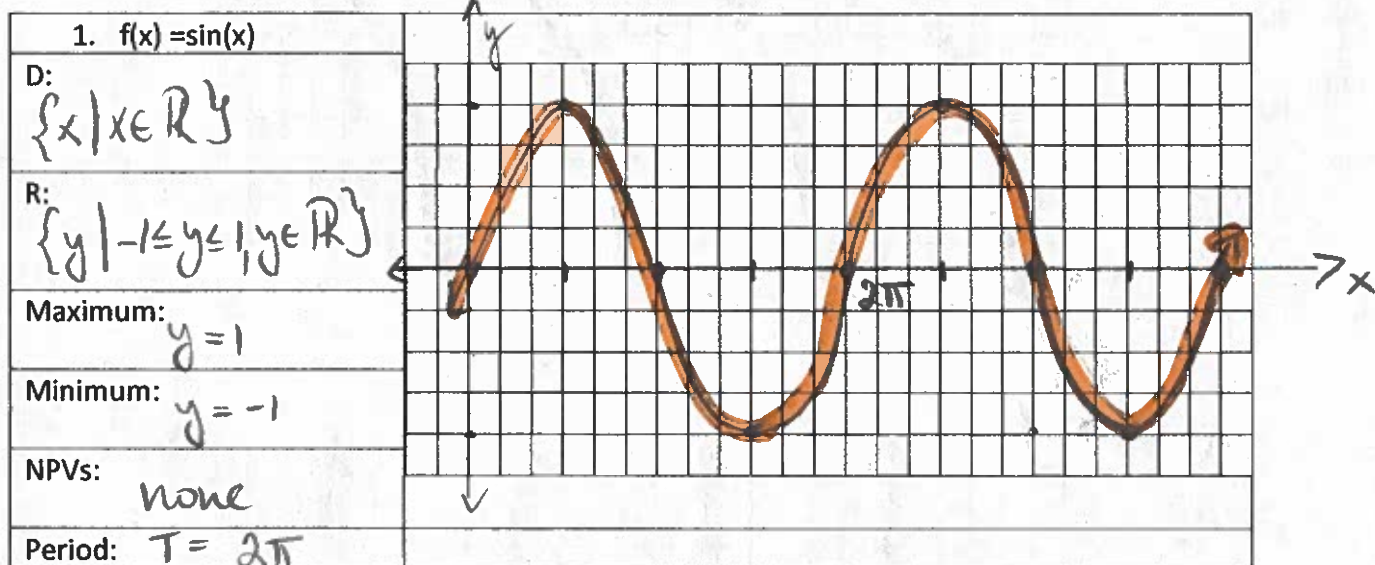
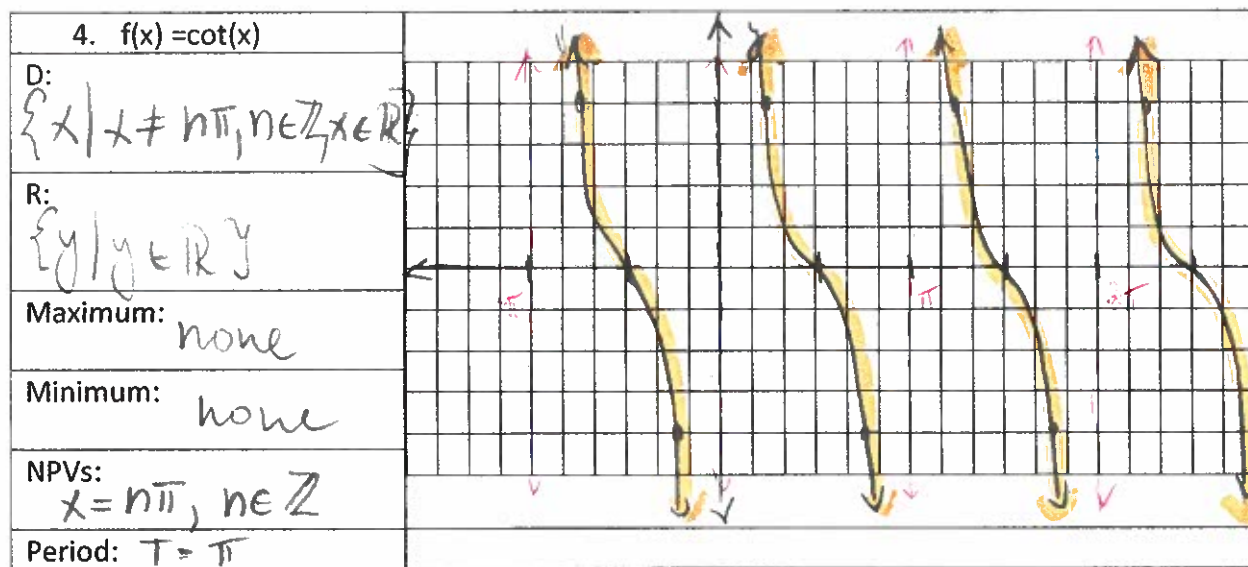
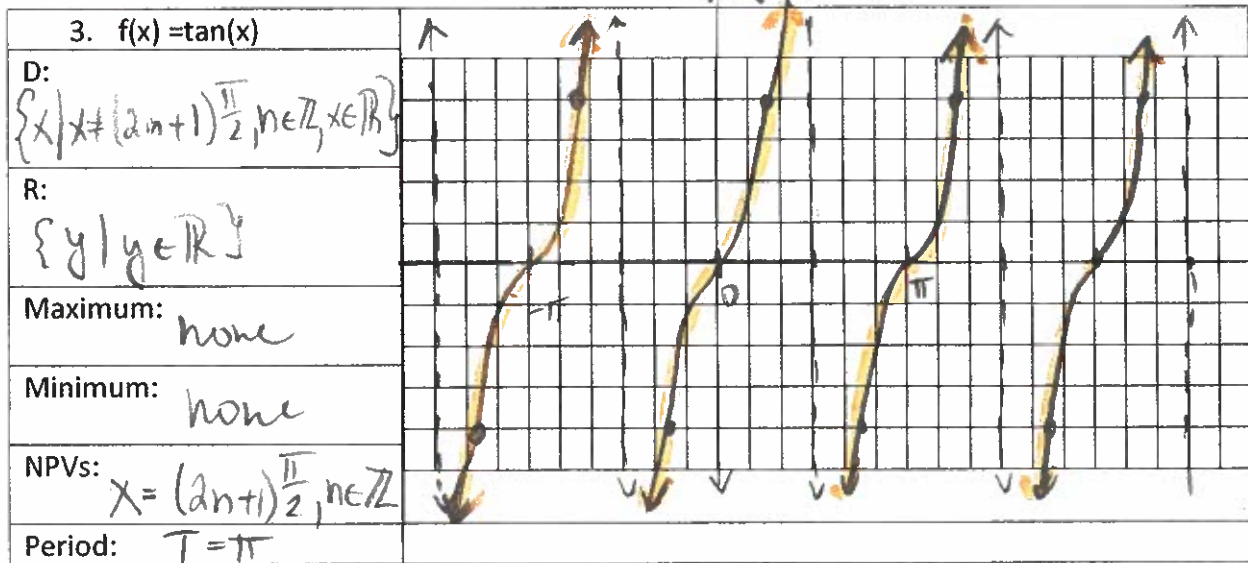


**Trigonometric Functions – Review**

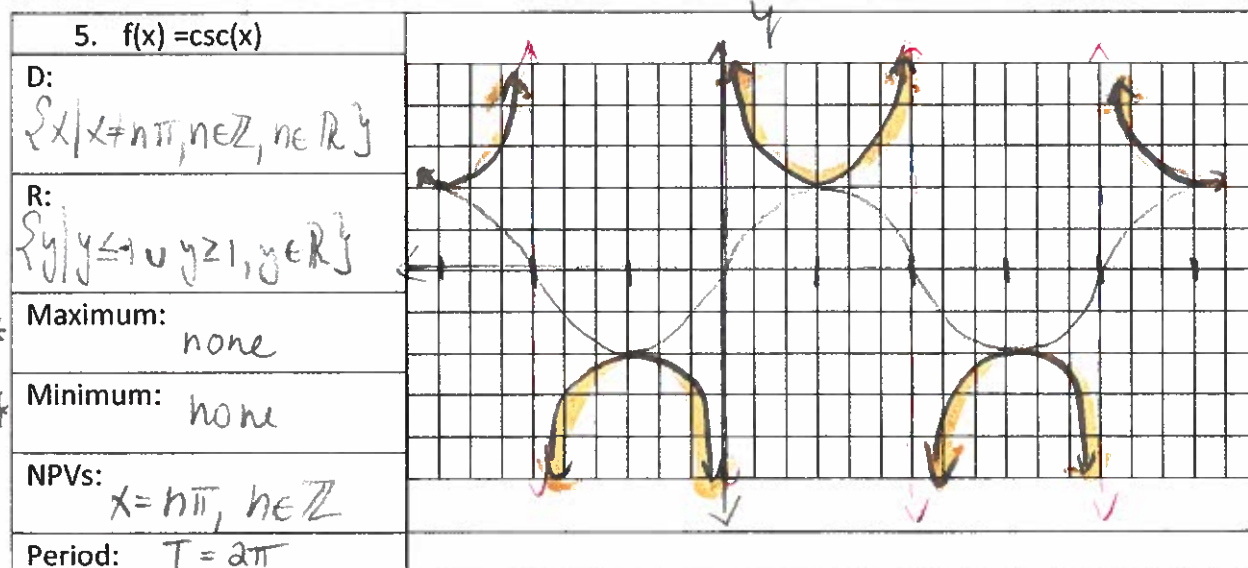
- Graph two cycles of each function.
- State the domain, range, period, maximum, minimum and NPVs if they exist.

Scale:  $\frac{\pi}{2}$  = 1 unit

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

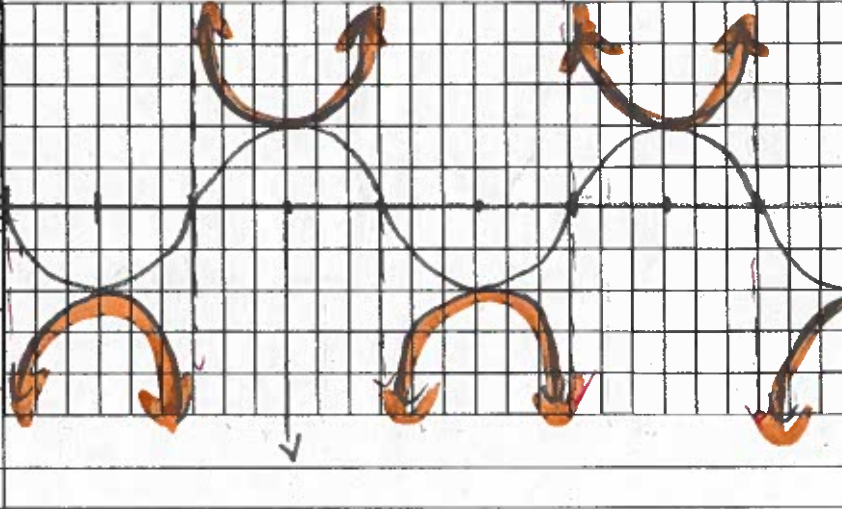


$$\cot \theta = \frac{\cos \theta}{\sin \theta}$$



Scale:  
[ ] = 1

Scale:  $\boxed{1}$

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

