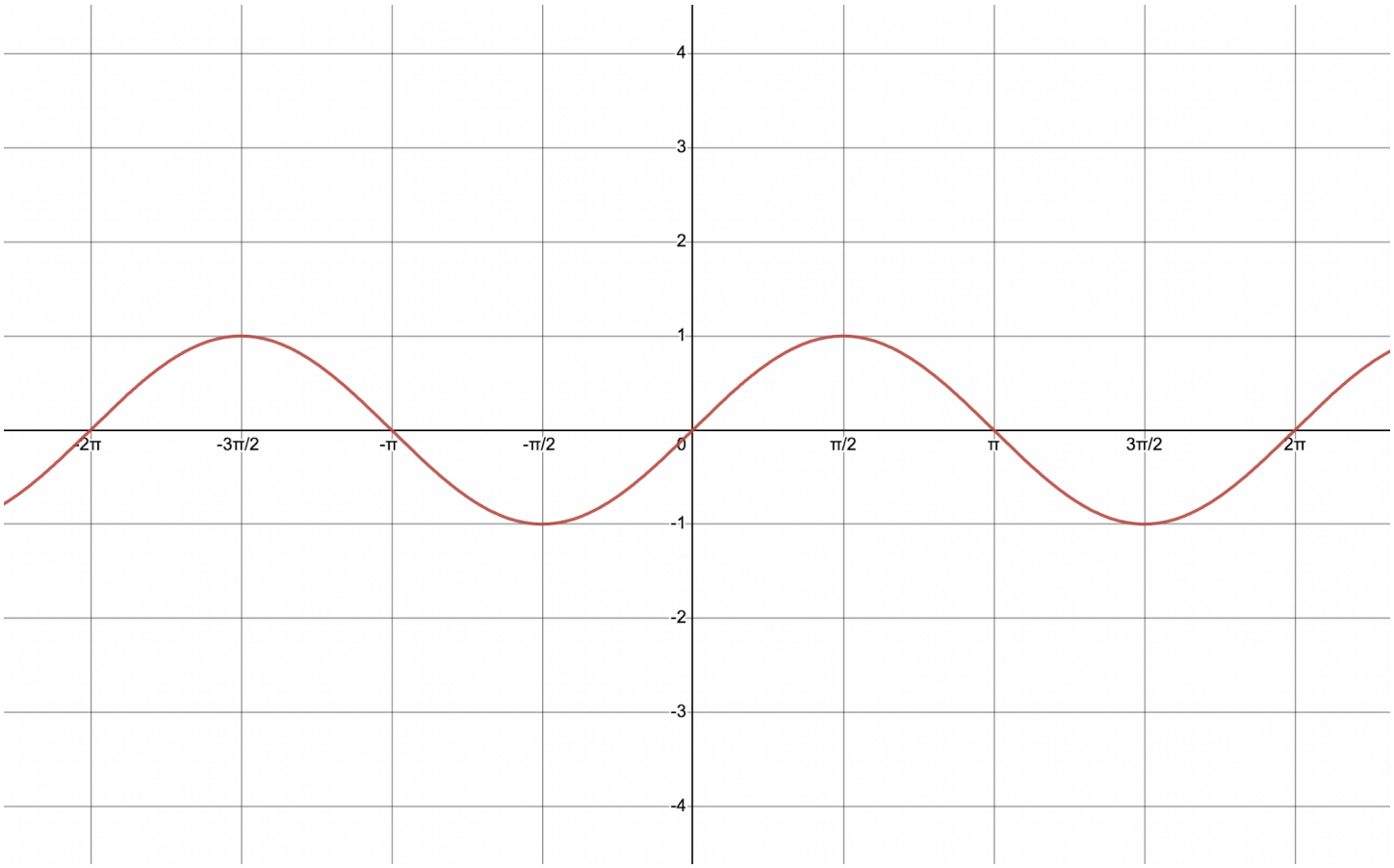
Remember $y = \csc csc\ x = \frac{1}{\sin sin\ x}$

1. Sketch a dotted line where there would be vertical asymptotes…what do they connect to in the sine graph?

2. Identify points where $\sin sin\ x = \csc csc\ x$

3. Sketch what you believe is the graph of $y = \csc csc\ x$



Domain:

Range:

Period:

(Once approved, take the paper out of the laminate and do a quick resketch on the paper itself.)

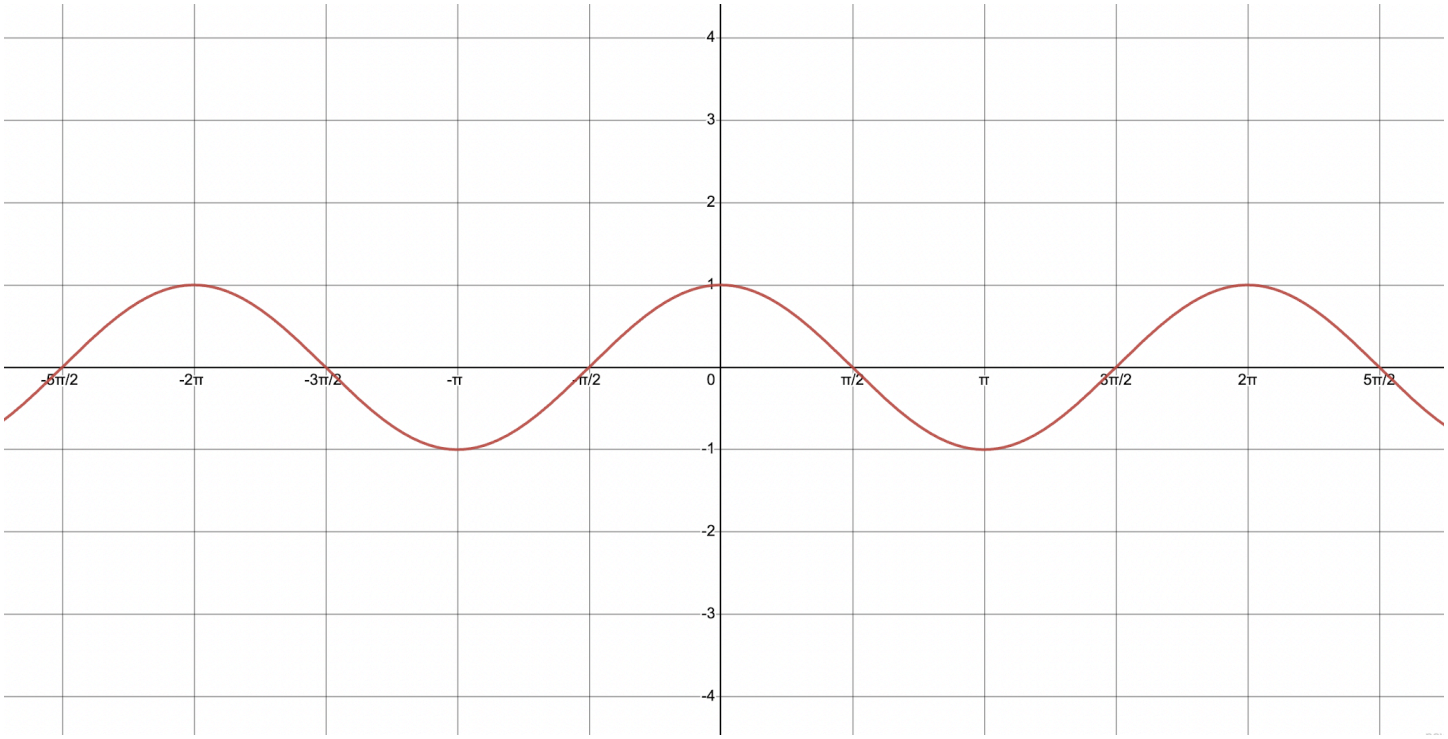
Remember $y = \sec sec\ x = \frac{1}{\cos cos\ x}$

Graph: $y = \sec sec\ x$

Domain:

Range:

Period:



(Once approved, take the paper out of the laminate and do a quick resketch on the paper itself.)

Tangent Graph:

Remember $y = \tan tan\, x = \frac{\sin sin\, x}{\cos cos\, x}$

1. Identify which graph is $y = \sin sin\, x$ and which graph is $y = \cos cos\, x$.

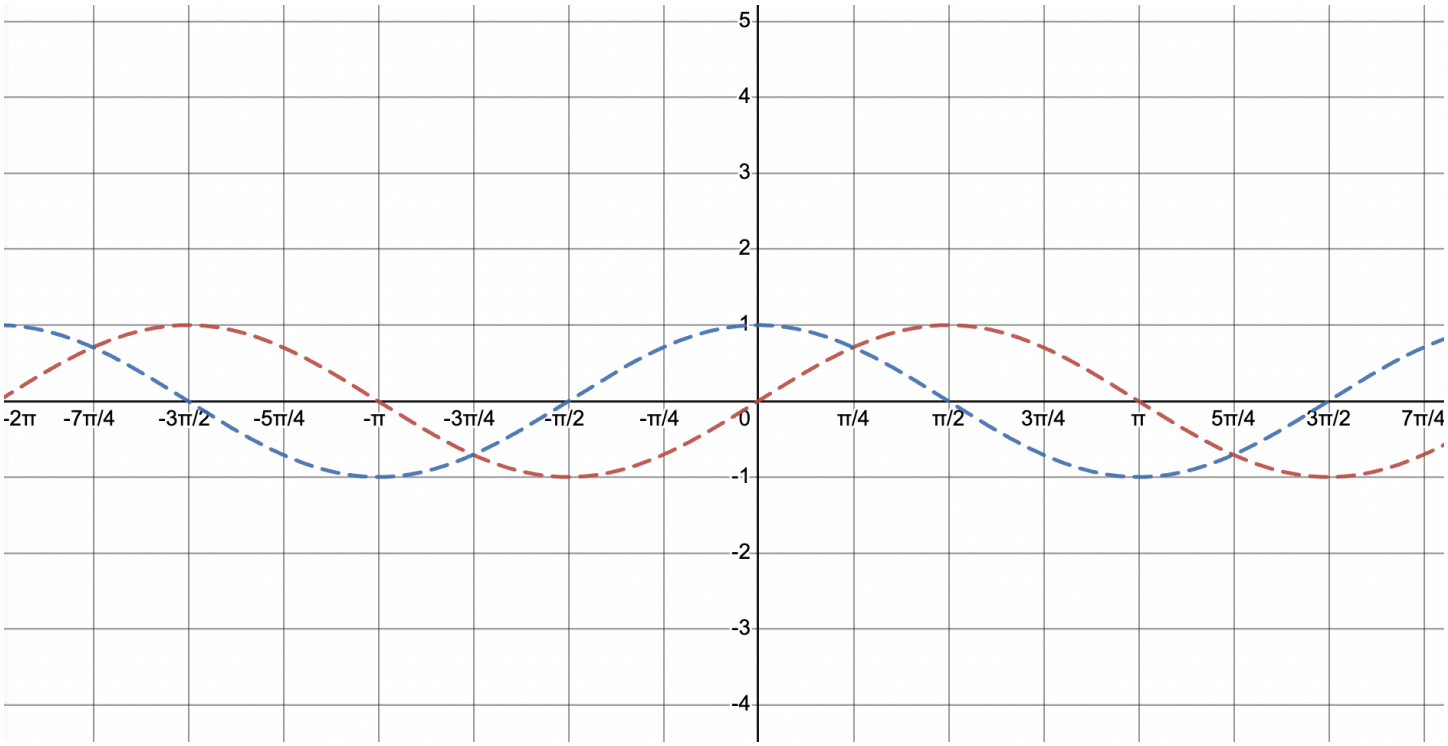
2. Mark all x-intercepts of $y = \tan tan\, x$

3. Sketch a dotted line where there would be vertical asymptotes on $y = \tan tan\, x$

4. Identify points where $\sin sin\, x = \cos cos\, x$. (How would these show up on the graph of tangent?

5. Identify points where $\sin sin\, x = x$. (How would these show up on the graph of tangent?

6. Sketch what you believe is the graph of $y = \tan tan\, x$



Domain:

Range:

Period:

Cotangent Graph:

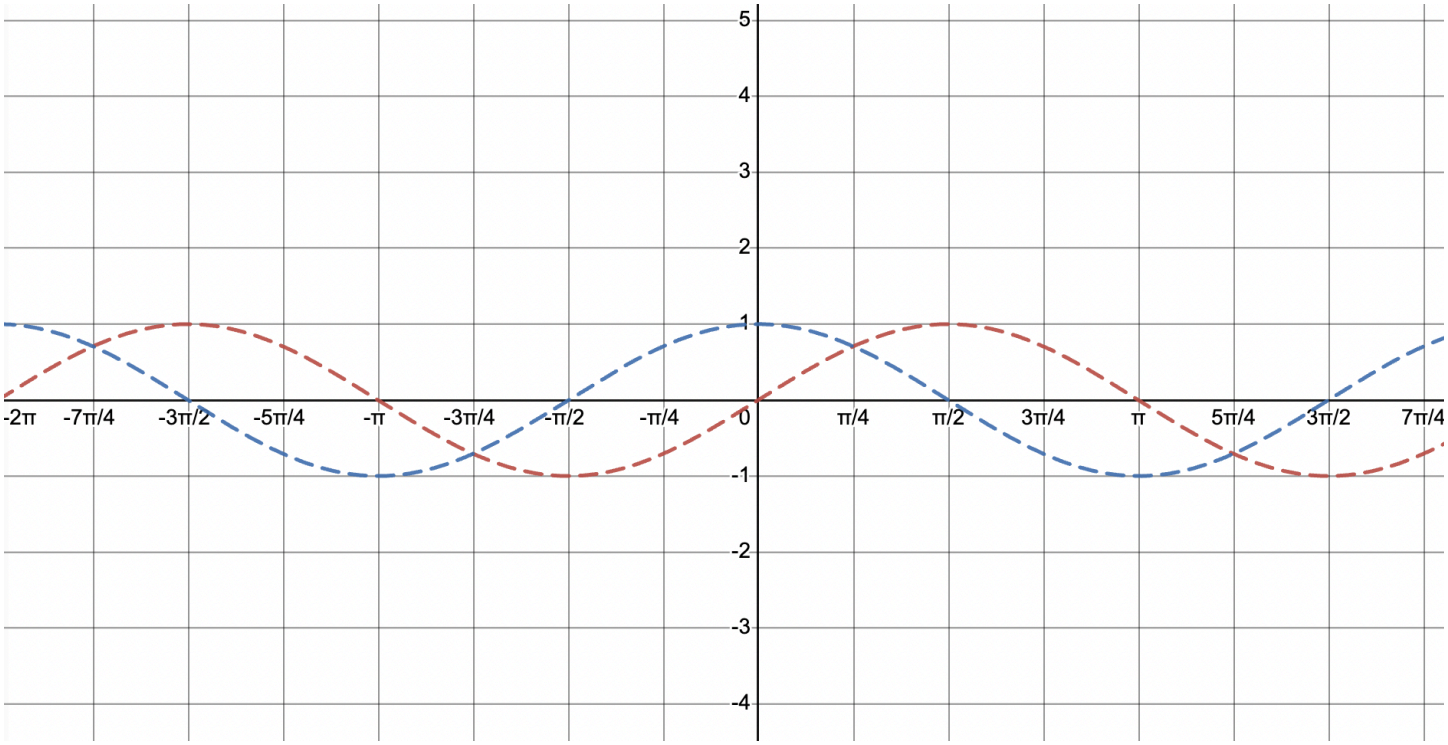
Remember $y = \cot cot\ x = \frac{?}{?}$

1. Mark all x-intercepts of $y = \cot cot\ x$

4. Sketch a dotted line where there would be vertical asymptotes of $y = \cot cot\ x$

2. Identify points where $\sin sin\ x = \cos cos\ x$, and where $\sin sin\ x = x$,

5. Sketch what you believe is the graph of $y = \cot cot\ x$



Domain:

Range:

Period: