

Graphing Tangent + Cotangent

Graph each of the following. Show the parent table, the reflection/stretch/shrink table, and the translation table (when applicable). Graph the last table. State where all zeros + asymptotes occur (with "n"). Give D+R.

1. $y = -3 \tan \frac{x}{2} + 1$

2. $y = 2 \cot 2\pi x - 2$

3. $y = 4 \tan \frac{4\pi}{3} x$

4. $y = -\cot \frac{x}{4} + 1$

5. $y = \frac{2}{3} \tan 6\pi x - 3$

6. $y = 5 \cot 3x$

7. $y = -\tan \frac{\pi}{5} x$

8. $y = -4 \cot \frac{3\pi}{2}$