

## Examples \& Questions <br> Examples 1

Q: How can you use the unit circle to find the signs of points on the graph of the tangent function?

Examples 2
Q: What do you notice about the graph of the tangent function?
Q: When is the function positive? Negative?
Q: How is a variable used to represent all values not in the domain of $y=\tan x$ ?

## Examples 3

Q: How does the value of $a$ in $y=a \tan b x$ affect the graph of the parent function?
Q : How does the value of $b$ in $y=a \tan b x$ affect the graph of the parent function?

Examples 4
Q: Does the asymptote of the function change when $a=3$ ?
Examples 5
Q: How are the secant and cosine functions related?
Q: How are the graphs of the cosine and secant functions similar? Different?

Practice and Problem Solving
Complete MathXL for School: Practice and Problem Solving (online)
Complete MathXL for School: Enrichment (online)

Challenge: \#14, 25 - key will be posted in Power School Learning.

Lesson Quiz 7.5 \& Notes

