

Tips & Tricks

1) To make graph of

a) $\sin(ax)/\cos(ax)$ \therefore Value on x -axis becomes $\frac{x}{a}$ times

b) $a \sin x / a \cos x$ \therefore Value on y -axis becomes ay

c) $\sin(-ax)/\cos(-ax)$ \therefore Graph gets inverted about x -axis.

d) $\sin(-ax)/\cos(-ax)$ \therefore Graph gets inverted about y -axis.

Learn the following values:

$\sin(15^\circ) = \frac{\sqrt{3}-1}{2\sqrt{2}}$	$\cos(15^\circ) = \frac{\sqrt{3}+1}{2\sqrt{2}}$
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