

Secant Examples with SimBraille

1. The secant of one hundred eighty degrees is written

$$\sec 180^\circ$$

⠠⠠⠠⠠ ⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠

2. The secant of open fraction pi over three close fraction equals two is written

$$\sec \frac{\pi}{3} = 2$$

⠠⠠⠠⠠ ⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠ ⠠⠠⠠ ⠠⠠⠠

3. The secant of x is equal to open fraction one over the cosine of x close fraction is written

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

⠠⠠⠠⠠ ⠠⠠ ⠠⠠⠠⠠ ⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠ ⠠⠠⠠⠠

4. Secant squared theta equals tan squared theta plus one is written

$$\sec^2 \theta = \tan^2 \theta + 1$$

⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠ ⠠⠠⠠⠠ ⠠⠠⠠⠠ ⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠ ⠠⠠⠠⠠⠠⠠