Lowercase Alpha Examples with SimBraille

1. The secant of alpha equals the square root of two is written

$$\sec\alpha = \sqrt{2}$$

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2. The cosecant of alpha equals open fraction one over the sine of alpha close fraction is written

$$\csc\alpha = \frac{1}{\sin\alpha}$$

3. The tangent of open parenthesis pi minus alpha close parenthesis equals negative tangent of alpha is written

$$\tan(\pi - \alpha) = -\tan\alpha$$

4. The sine of two alpha equals two sine alpha cosine alpha is written

$$\sin 2\alpha = 2\sin\alpha\cos\alpha$$

5. The cosine of open parenthesis negative alpha close parenthesis equals the cosine of alpha is written

$$\cos(-\alpha) = \cos\alpha$$

6. One plus tangent squared alpha equals secant squared alpha is written

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

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