Lowercase Beta Examples with SimBraille

1. Beta equals 45 degrees is written

$$\beta = 45^{\circ}$$

2. The secant of beta equals one over the cosine of beta is written

3. The sine of open parenthesis open fraction pi over two close fraction minus beta close parenthesis equals the cosine of beta is written

$$\sin\left(\frac{\pi}{2} - \beta\right) = \cos\beta$$

4. The tangent of two beta equals open fraction two tangent beta over one minus tangent squared beta close fraction is written

$$\tan 2\beta = \frac{2\tan \beta}{1 - \tan^2 \beta}$$

5. The cosecant of open parenthesis negative beta close parenthesis equals negative cosecant beta is written

$$CSC(-\beta) = -CSC \beta$$

6. One plus cotangent squared beta equals cosecant squared beta is written

$$1 + \cot^2 \beta = \csc^2 \beta$$