Beta (lowercase) Samples 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
\[ \sec \beta = \frac{1}{\cos \beta} \]

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
\[ 1 + \cot^2 \beta = \csc^2 \beta \]