

Answer on Question #51006 – Math – Trigonometry

Use logarithm to find the value of $\log\sin(240:311)$

Solution

$$\frac{240}{311} \approx 0.77;$$

Using the table of values of trigonometric functions we have $\sin(0.77) \approx 0.6961$.

Therefore,

$$\log\sin\left(\frac{240}{311}\right) \approx \log(0.6961) \approx -0.3623.$$

Answer: -0.3623 .