

**Answer on Question #55631 – Physics– Other**

**Question:**

In an experiment to determine the coefficient of friction using the inclined plane, which of the following gives the coefficient of friction?

- A. Angle A plotted on the vertical axis against  $\sin A$  on the horizontal
- B.  $\sin A$  plotted on the vertical axis against  $\cos A$  plotted on the horizontal axis
- C.  $1/\sin A$  plotted on the vertical axis against  $1/\cos A$  plotted on the horizontal axis
- D.  $1/\cos A$  plotted on the vertical axis against  $\sin A$  plotted on the horizontal axis

**Answer:**

**B.  $\sin A$  plotted on the vertical axis against  $\cos A$  plotted on the horizontal axis**