

How Mathematicians had to Use a Trigonometric Table in the Past

Using the table in your packet, answer the following questions:

1. Approximate the adj/hyp side ratio (or Cos A) for a 40-degree reference angle.

$$\sin(20) =$$

2. Approximate the adj/hyp side ratio (or Cos A) for a 40-degree reference angle.

$$\cos(40) =$$

3. Approximate the measure of the acute angle A in a right triangle to the nearest degree given that the opp/adj side ratio (or Tan A) is 1.93

$$\tan(A) = 1.93$$

The angle A is approximately degrees (To the nearest degree)

4. Approximate the measure of the acute angle A in a right triangle to the nearest degree given that the opp/hyp side ratio (or Sin A) is 0.34

$$\sin(A) = 0.34$$

The angle A is approximately degrees (To the nearest degree)