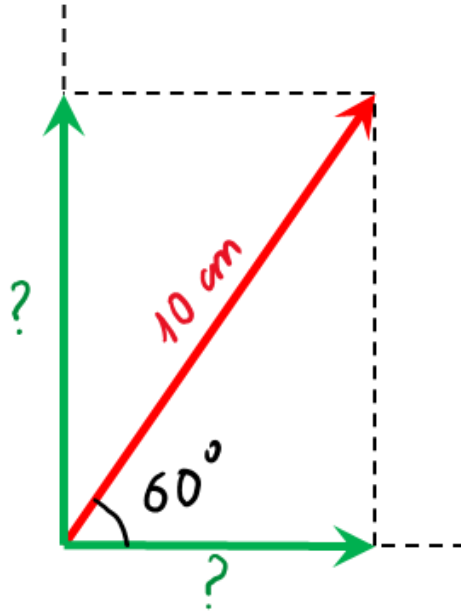Homework 8.

Inclined planes.

1. The red arrow forms an angle of 60° with the horizontal line (Figure 1). The length of the red arrow is 10 cm. Find the lengths of both the green arrows.

2. The friction force keeps brick on the incline plane without sliding down (Figure 2). Mark all the forces applied to the brick