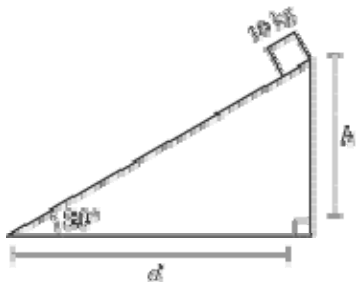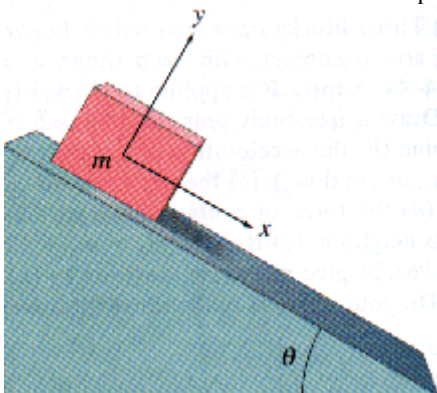## Calculating the Normal and Parallel Forces

Solve the following problems

1. What is the normal force and the parallel force of 10 kg block sitting on a 30° incline?

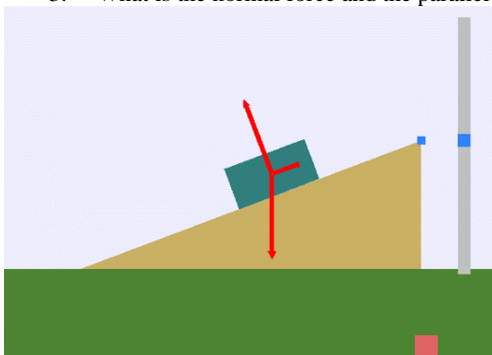2. What is the normal force and the parallel force of 10 kg block sitting on a 40° incline?

3. What is the normal force and the parallel force of 10 kg block sitting on a 10° incline?

4. What is the normal force and the parallel force of 10 kg block sitting on a 45° incline?