A 50 gram weight is lifted using a spring scale. What is the force needed to lift it, in Newtons?
Weight and Scale Activity

A 50 gram weight is lifted using a rope looped around once, and connected to a scale on one side and a solid support on the other. What is the force needed to lift it, in Newtons?
A 50 gram weight is lifted using a rope looped around at a 45 degree angle, and connected to a scale on one side and a solid support on the other. What is the force needed to lift it, in Newtons?