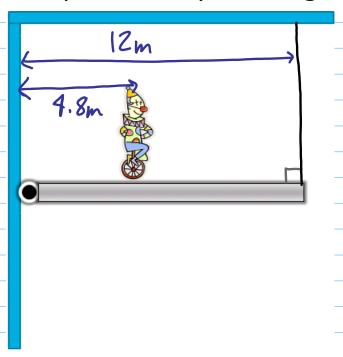
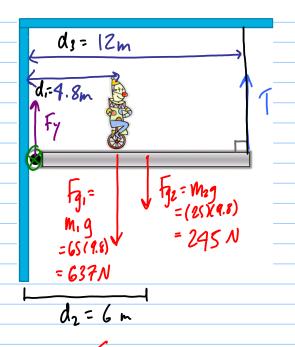
Quiz Za

Note Title 02/11/2011

A 65 kg clown rides along a 25 kg beam. What is the tension in the rope at the end of the beam and the supporting force provided by the hinge?





$$= 377 N$$

$$\sum F_{y} = T + F_{y} - F_{g_{1}} - F_{g_{2}} = 0$$

$$F_{y} = F_{g_{1}} + F_{g_{2}} - T$$

$$= 637 + 245 - 377$$

$$= 505N$$