## Homework Quiz Eligibility:

One week from homework review ... No earler but there will be a 1-2 week window.

TOTALLY UNANNOUCED.

How to prepare ...
three careedly solved problems in your notes. (three information that the guestion too.)

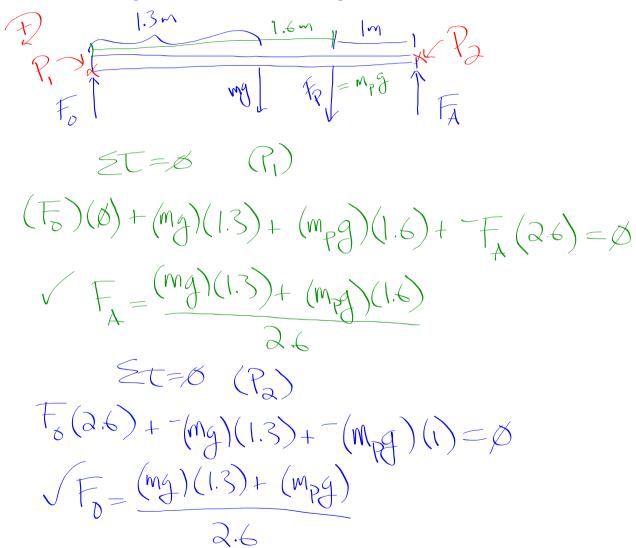
What it will look like ...

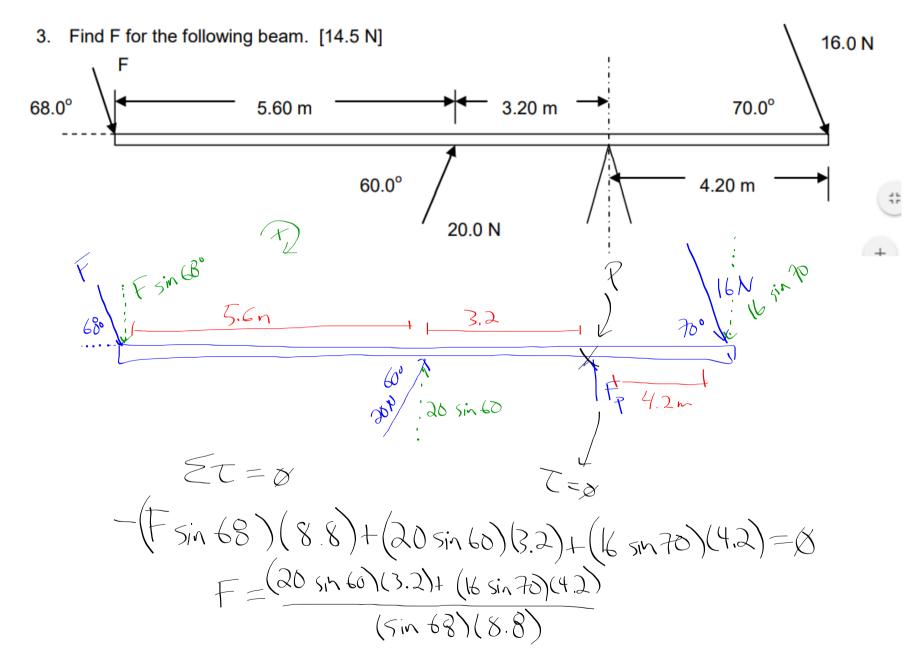
One hw problem - with different numbers & different "actors". VERY time limited.

What it's worth ...

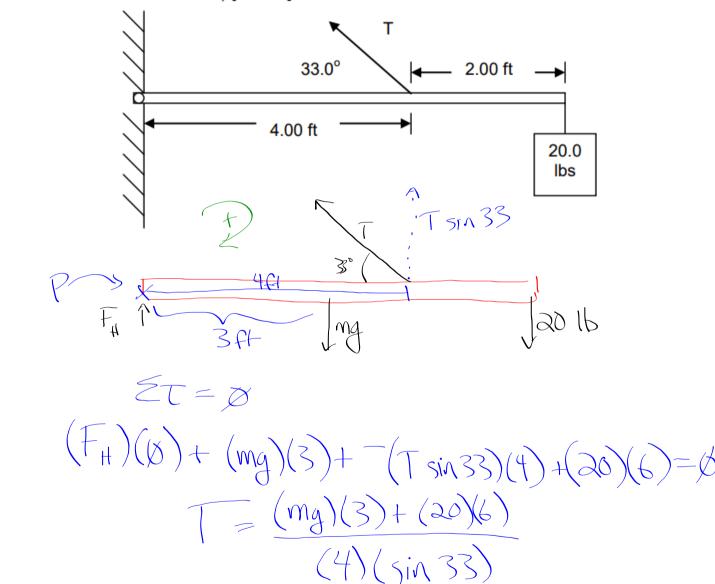
10 points

 Orin and Ann, two paramedics, rush a 60.0 kg man from the scene of an accident to a waiting ambulance, carrying him on a uniform 3.00 kg stretcher held by the ends. The stretcher is 2.60 m long and the man's center of mass is 1.00 m from Ann. How much force must Orin and Ann exert to keep the man horizontal? [Orin = 241 N; Ann = 376 N]





4. A 25.0-pound beam is supported by a string as shown. What is the tension? (Recall that the weight is taken at the center of the beam) [89.5 lb]



Find T if this beam has a length of 6.0 meters and a weight of 320 N. [T=272 N]

