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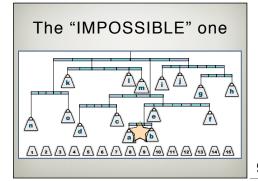
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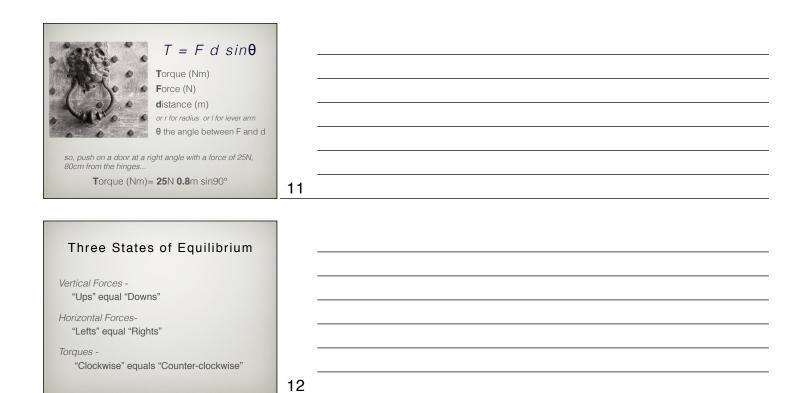
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Sample

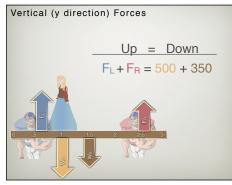


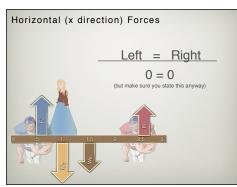




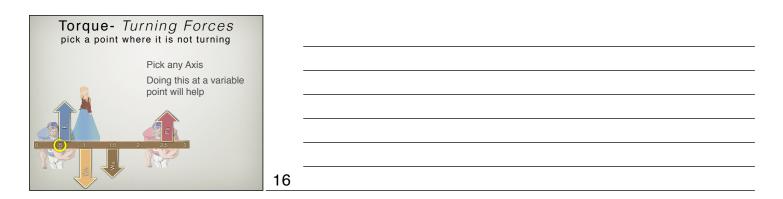


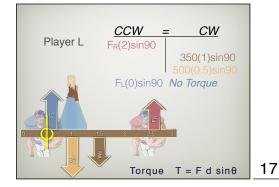










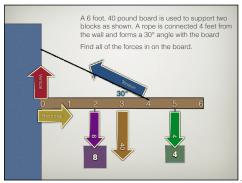


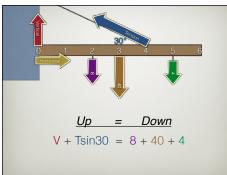
Check

If you have picked a good place for your axis of rotation, you should have only simple algebra to handle.

If you have time, pick another axis of rotation and be sure that you get the same answer.

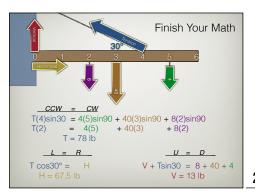
18

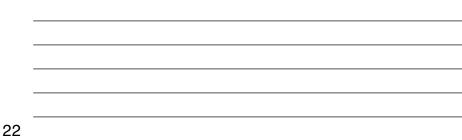




used to support two connected 4 feet from gle with the board				
e board.				
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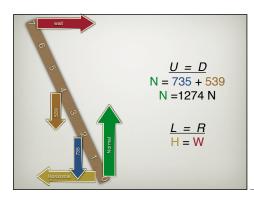


Climbing a Ladder Find all Forces

A 75 kg man has climbed 2 meters up a 7 meter ladder. The ladder has a mass of 55kg, and it forms a 60° angle with the ground. Find all forces.

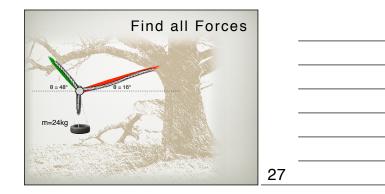


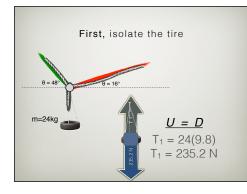




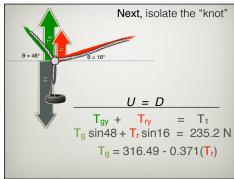


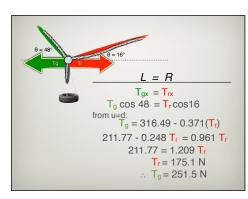


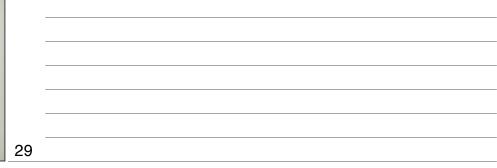


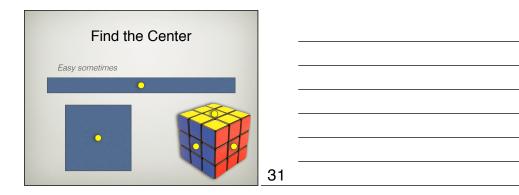












Find the Center	
Length = 12 m • Where is the center	
of mass for this tree? • half the length?	
	32

