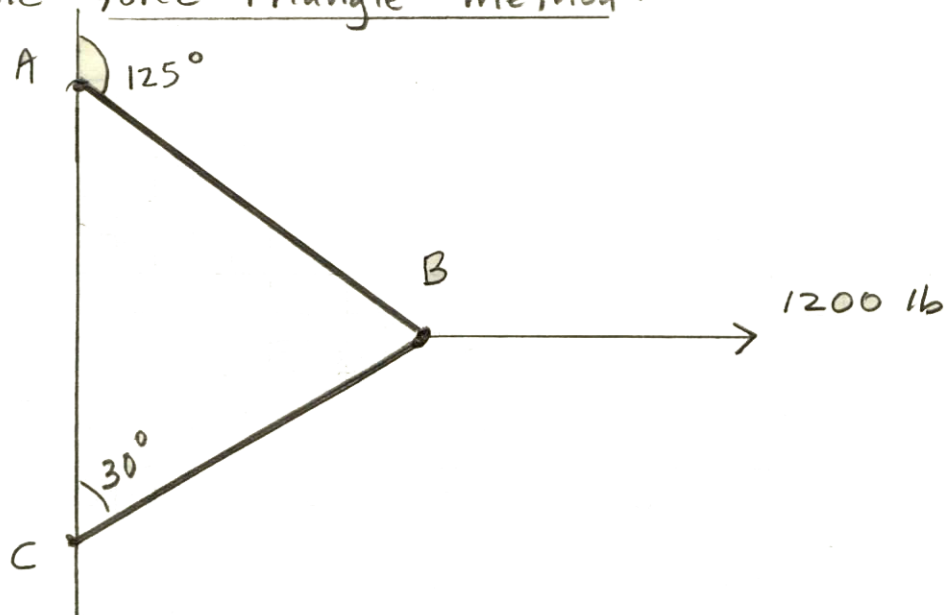


One page of notes. Algebra & Trig Cheat Sheets.
All forces are to be in final form of positive
magnitude and true direction.

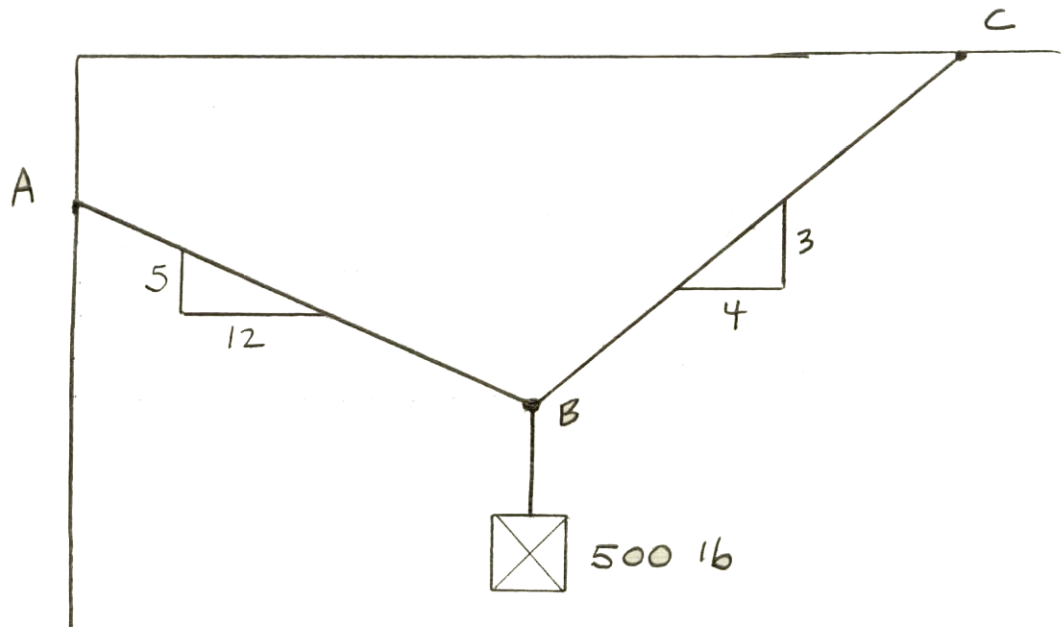
Name _____

1. Determine the force in each strut using the force triangle method.



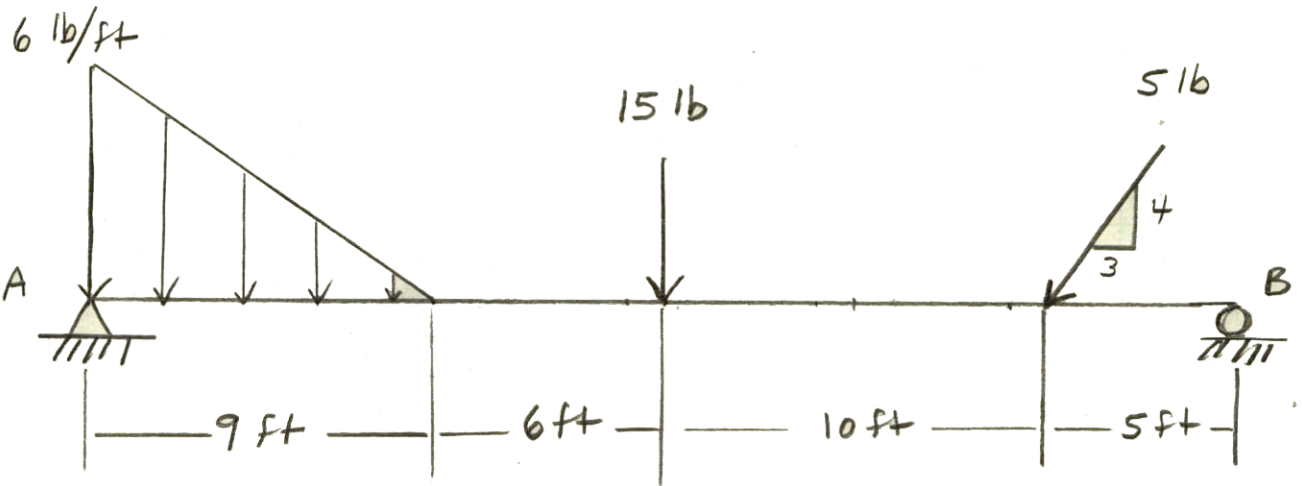
solution

2. Determine the tension in each cable using equilibrium equations.



Solution.

3. Determine the reactions at the supports for the applied load acting on the 100 lb beam.



Solution.