## ENGR 250- STATICS Homework Check List: 4-1

The check lists can be found by opening up the links to submit the

page or your calcs. See syllabus for which problems were assigned. Do not attach problems that weren't assigned.

Make sure you follow the format guidelines listed on the syllabus.

Place a check ✓ in the box to the left of the problem number for those problems that you got right.

Place an X if you got the wrong answer.

Leave it blank if you didn't do it or it wasn't assigned.

□ 4-1-1	□ 4-1 <b>-</b> 5	□ 4-1-9	□ 4-1-13
□ 4-1 <b>-2</b>	□ 4 <b>-1-</b> 6	□ 4-1-10	□ 4-1-14
□ 4-1-3	□ 4-1-7	□ 4-1-11	□ 4-1-15
□ 4-1-4	□ 4-1-8	□ 4-1 <b>-</b> 12	□ 4-1-16

Total number of problems attempted above: \_\_\_\_\_

For Instructors use:

	Neatness		Don't write on the back		
	Use a ruler		Not placing a check mark or an		
□ Significant figures			above for the hw attached		
□ One problem per page			Missing this cover sheet		
☐ Heading on each page			Other		
	Hw not in order				
Pro	oblems:/ 7 points				
Fo	Format:/3 (may be prorated if not all problems were attempted)				
То	tal: /10				

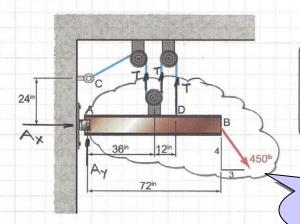
Χ

Name and page number/total pages on each page

JANE DOE PG 6/6

4-1-12

Find the reactions at A and the tension in wire CD.



Answer(s):

Summarize your answers.

Use superscripts for units to avoid someone from interpreting it to be

$$A_{x} = 270^{12} - A_{y} = 288^{12} t$$
  
 $T = 216^{12}$ 

Bubble to isolate the FBD. All forces are drawn and clearly labeled.

## MIAP

EFY => AY

Summarize what you are going to do.

State your equations and show all terms.

$$E_1F_1 = 0 = A_1 + 3T - (4/5)450$$

$$A_1 = -288 = 288^{16}$$

Double underline or box your answers.

27016.

## Note:

- -All numbers written are rounded to 3 or 4 significant figures, not just the answer.
- -Take pride in your work, someday you will be paid big bucks to do professional quality work and quality begins now, not the first days of employment.