

- Z: \_\_\_\_\_ Ans: \_\_\_\_\_
- 2. Calculate the Velocity at all points: <u>Answers:</u> [X=52.38 m/s; Y=42 m/s; Z=48.5 m/s] (2 pts. each)

X:	Ans:
Υ:	Ans:
Ζ:	Ans:



Part II: Calculation <u>with</u> Friction: Force of Friction is 350 N. Show all Work!

- 3. Calculate the Velocity at all points: <u>Answers:</u> [X=46.17 m/s; Y=29.52 m/s; Z=35.84 m/s] (5 pts. Each)
  - X: Ans: \_\_\_\_\_

Y:

Ans: \_\_\_\_\_

Z:

Ans: \_\_\_\_\_