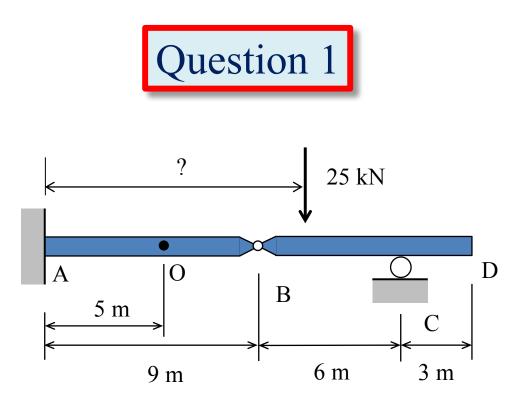
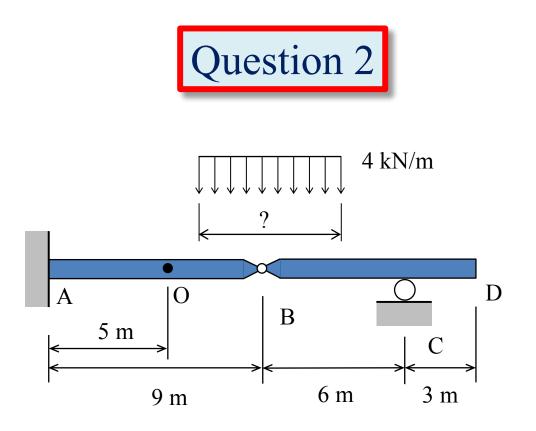
Using Influence Lines Steven Vukazich San Jose State University



Where should we place the 25 kN point load to produce the:

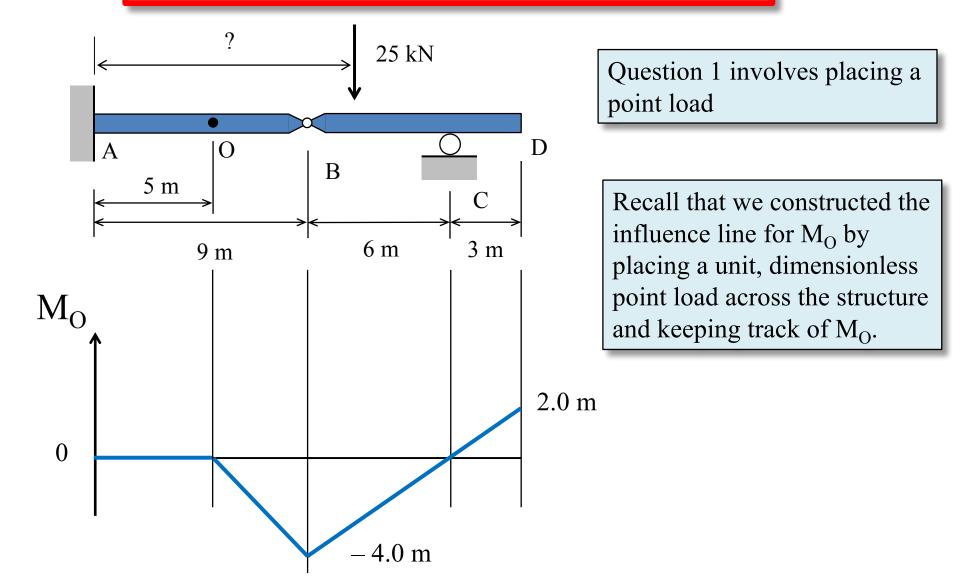
- 1. Maximum positive moment at point O;
- 2. Maximum negative moment at point O?



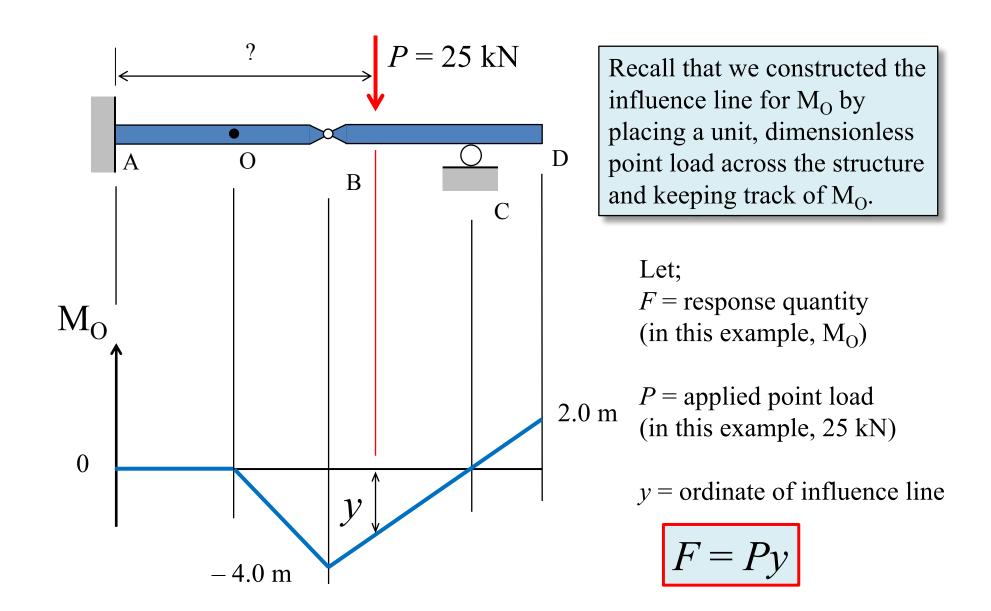
Where should we place the 4 kN/m distributed load to produce the:

- 1. Maximum positive moment at point O;
- 2. Maximum negative moment at point O?

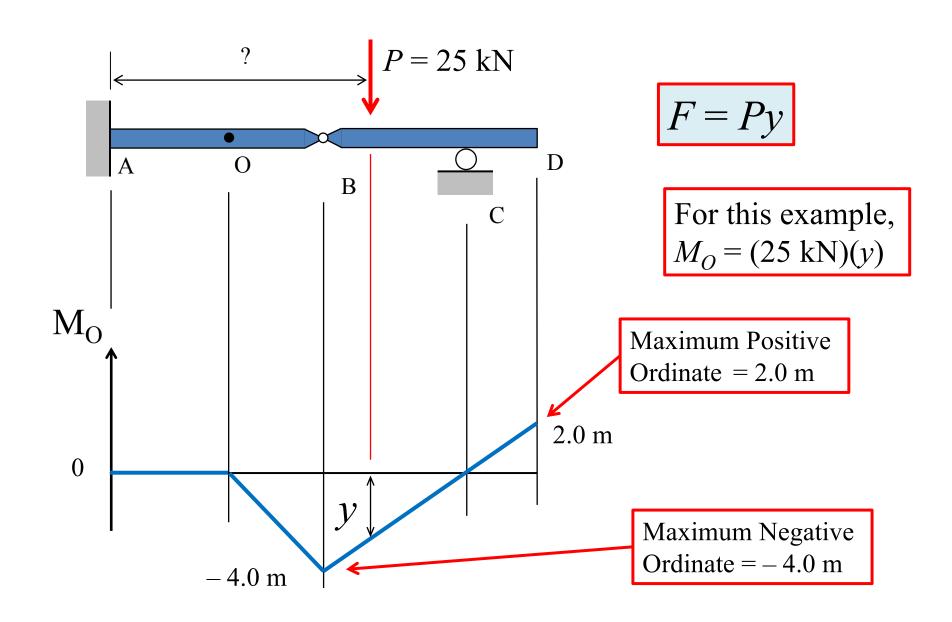
# With The Influence Line for M<sub>O</sub> We can Answer the Questions Easily

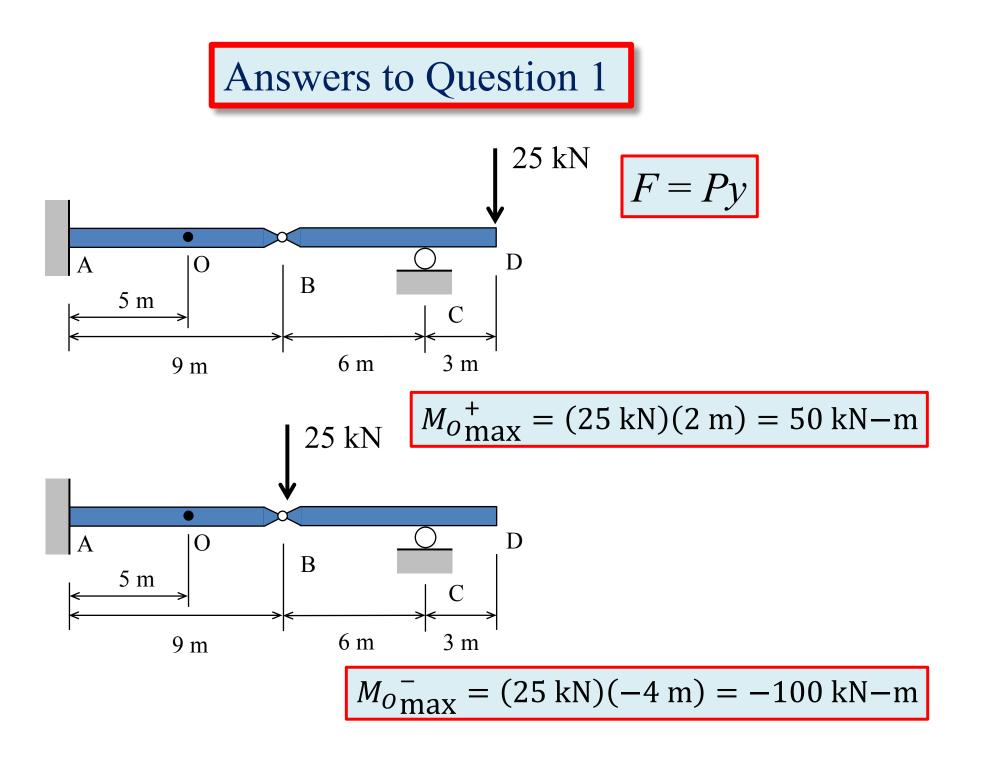


## Influence of a Point Load

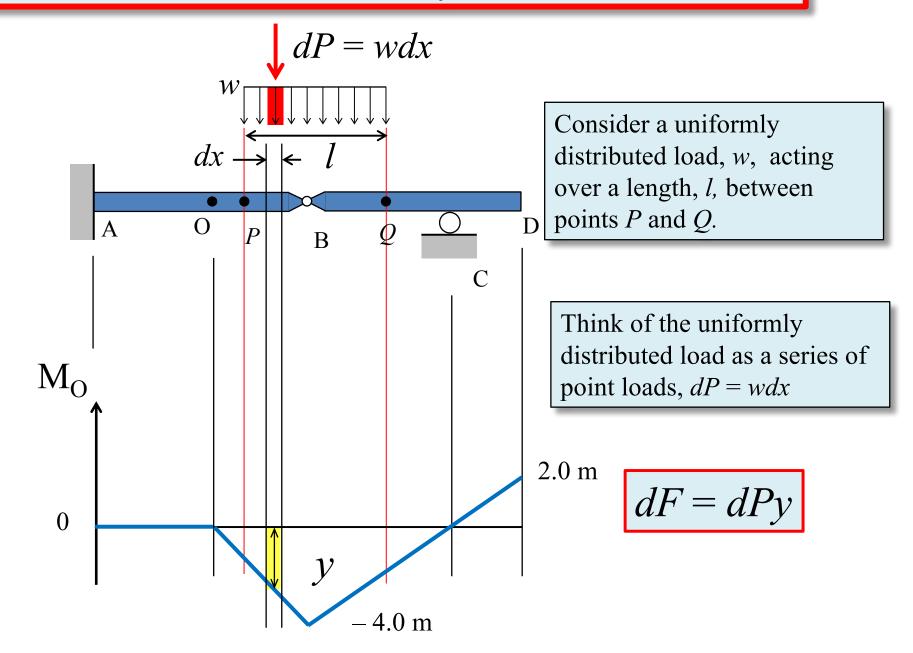


## Influence of a Point Load

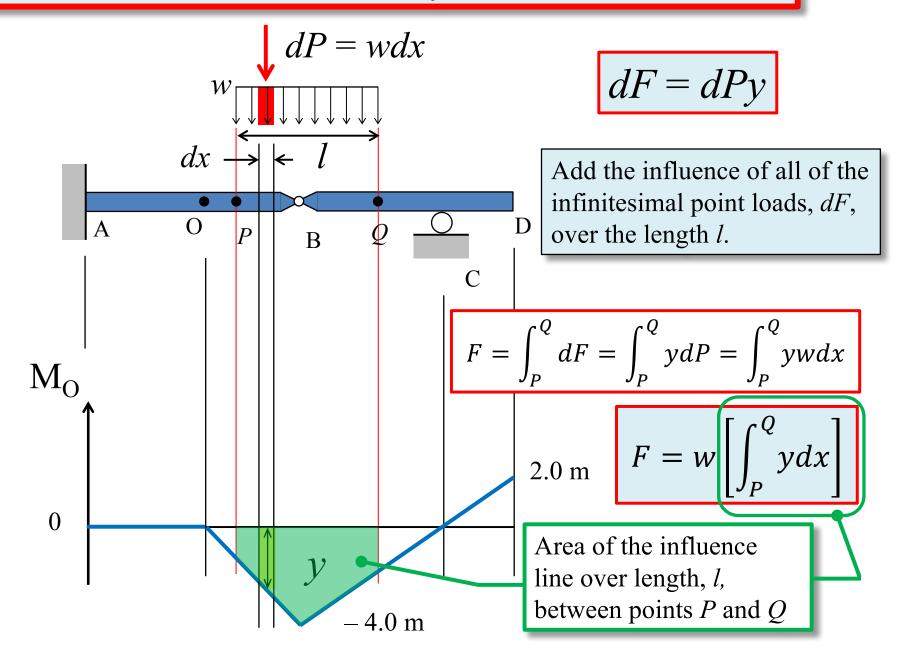




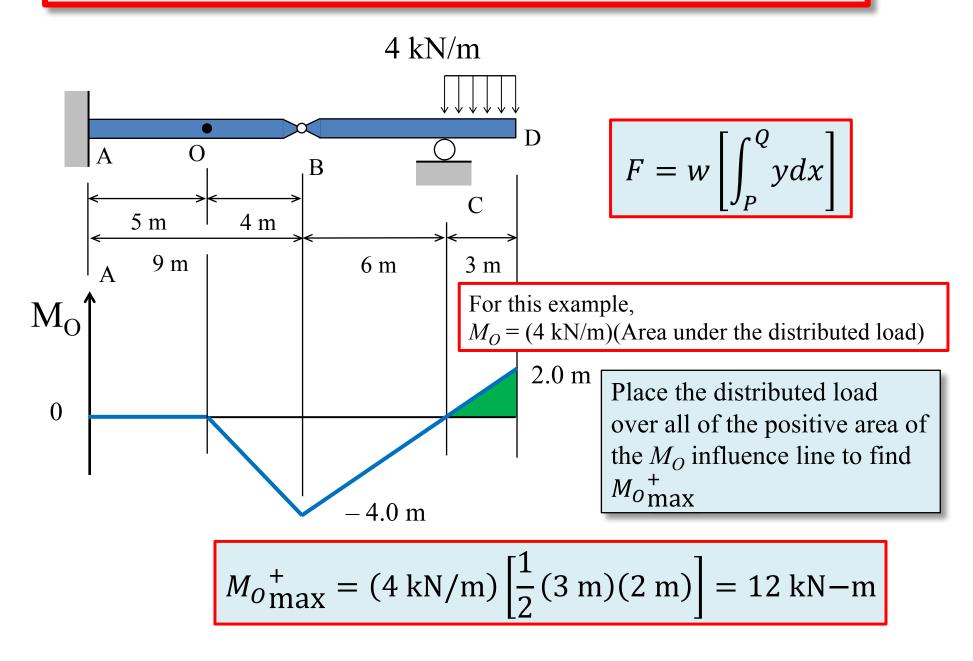
#### Influence of a Uniformly Distributed Load



#### Influence of a Uniformly Distributed Load



### Answers to Question 2



## Answers to Question 2

