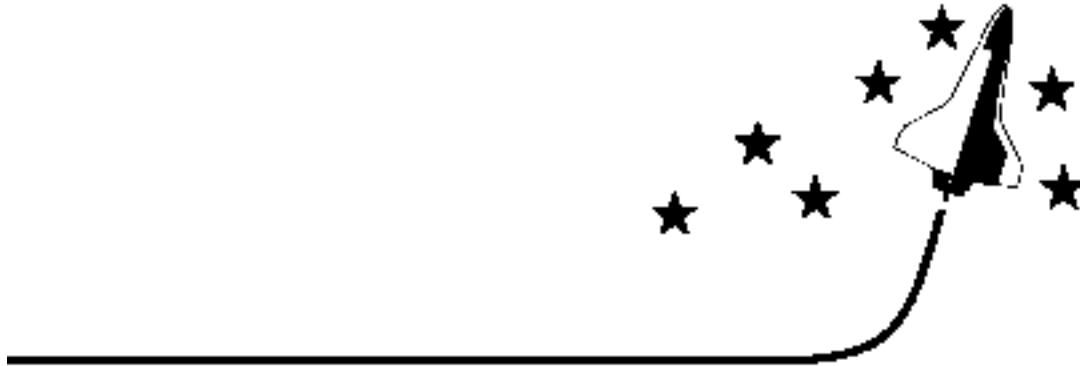


# ***FACULTY NOTES***

The LTAs and Spinoffs are designed so that each professor can implement them in a way that is consistent with his/her teaching style and course objectives. This may range from using the materials as out-of-class projects with minimal in-class guidance to doing most of the work in class. The LTAs and Spinoffs are amenable to small group cooperative work and typically benefit from the use of some learning technology. Since the objective of the LTAs and Spinoffs is to support the specific academic goals you have set for your students, the Faculty Notes are not intended to be prescriptive. The purpose of the Faculty Notes is to provide information that assists you to take full advantage of the LTAs and Spinoffs. This includes suggestions for instruction as well as answers for the exercises.



# FACULTY NOTES

## SPINOFF 6B

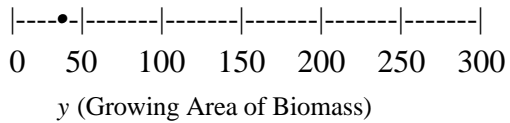
### Developing a Biomass Production Chamber

#### Solutions

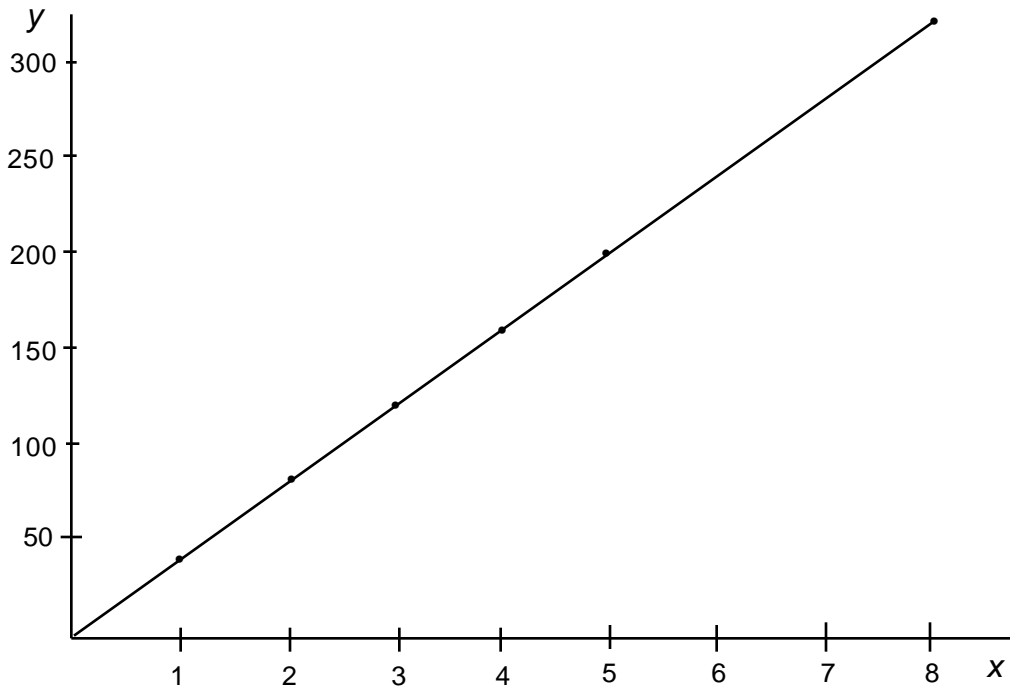
1)

(x) Number of Crew Members	1	2	3	4	5	...	8
(y) Growing Area of Biomass (m <sup>2</sup> )	40	80	120	160	200	...	320

2)



3)



- 4) The growing area required is 240 m<sup>2</sup>.
- 5) 7 crew members can be supported with a growing area of 280 m<sup>2</sup>.
- 6) The relationship between the number of crew members and the required growing area of biomass (in m<sup>2</sup>) can be found by multiplying the crew size by 40.