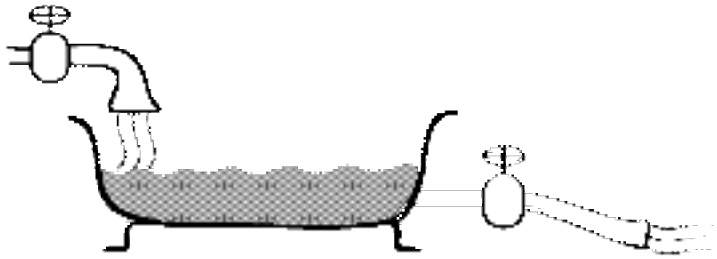
Name_____

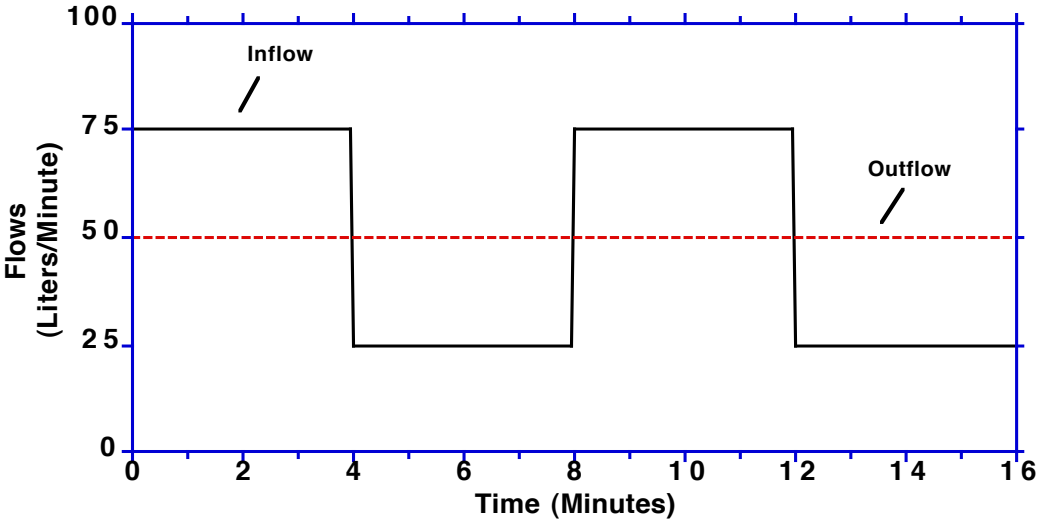
Class_____

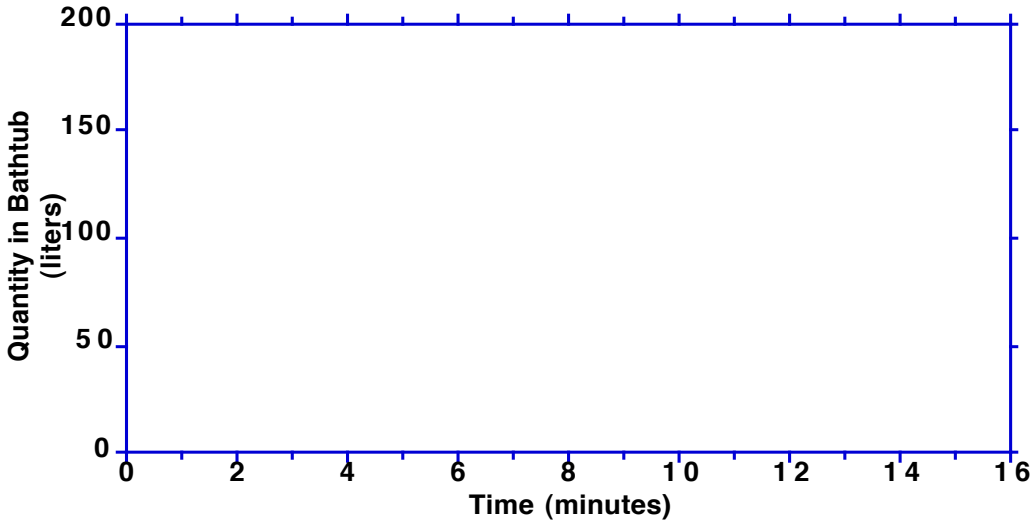
1. Consider the bathtub shown below. Water flows in at a certain rate, and exits through the drain at another rate:



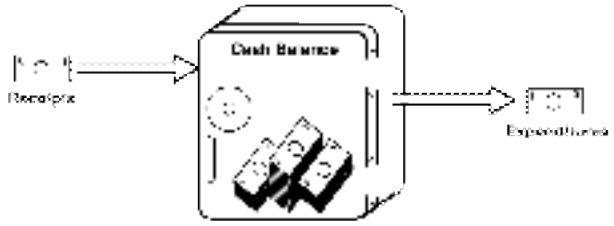
The graph below shows the hypothetical behavior of the inflow and outflow rates for the bathtub. From that information, draw the behavior of the quantity of water in the tub on the second graph below.

Assume the initial quantity in the tub (at time zero) is 100 liters.



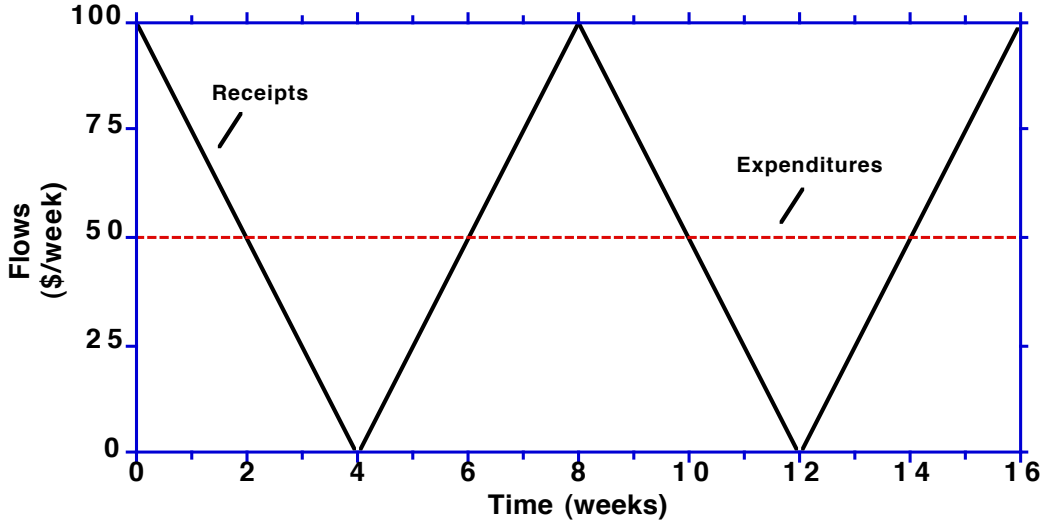


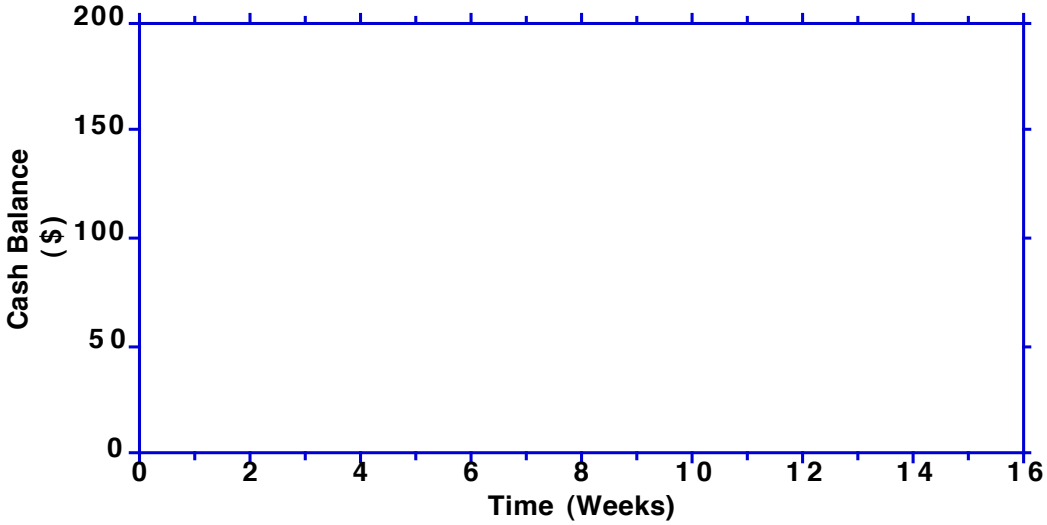
2. Consider the cash balance of a company. Receipts flow in to the balance at a certain rate, and expenditures flow out at another rate:



The graph below shows the hypothetical behavior of receipts and expenditures. From that information, draw the behavior of the firm's cash balance on the second graph below.

Assume the initial cash balance (at time zero) is $100.





Please indicate your previous experience with STELLA modeling. Circle one of the choices below. If you circle 2 or 3 please list the classes that included STELLA modeling and about how often it was used.

1. I have had no previous experience with STELLA modeling.
2. I have had one class where STELLA modeling was used a few (2 or 3) times.
3. I have had a class where STELLA modeling was used more than 5 times during the year.
4. I have taken a system dynamics modeling class using STELLA.

Comments: