

Pg 169

The student council is planning to hold a dance. The profit in dollars is 4 times the number of students who attend, minus \$200 for the cost of the music.

- Write an equation that relates the profit to the number of students who attend.
- Create a table of values for this relation.
- Graph the data in the table. Does it make sense to join the points? Explain.
- How many students have to attend to make a profit?

a) $P = 4s - 200$

b)

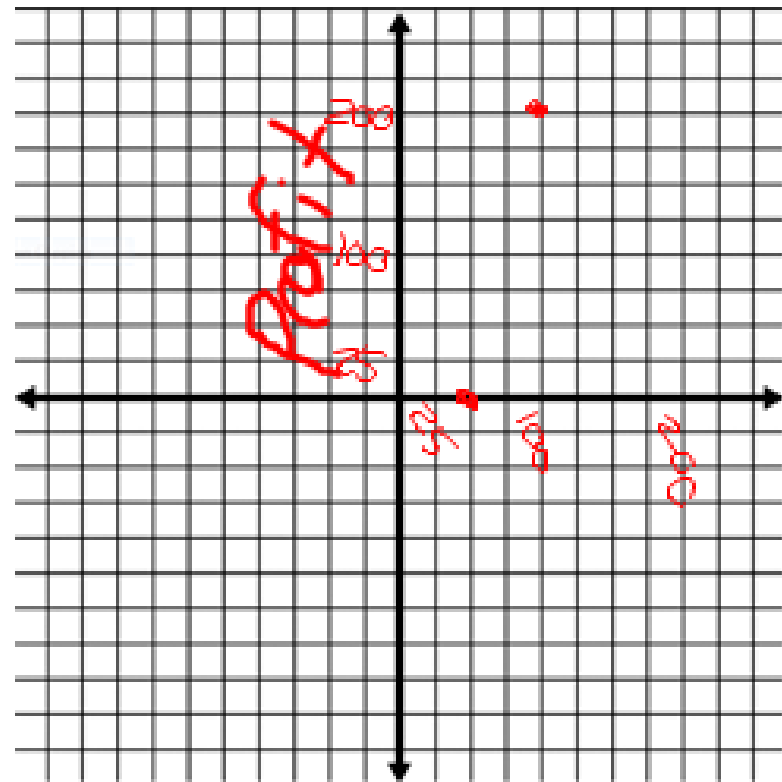
# of s	Profit
50	0
80	120
200	600

independent

dependent

100

200



of Students

no Discrete