### STUDENT A

Professor Xavier is the principal of Anytown Middle School. He has been told by the school board that he only has enough funding to pay 4 club sponsors next year. The school board has told him to cancel the club with the least amount of growth in membership. Below is a chart detailing club membership for each of the five clubs at Anytown Middle School over the past two years.

	+ 34.5/	, -20.50/	2 17 1 1/	B- //	16/0
Number of Members in	Chess Club	Drama Club	Anime Club	Robotics Club	Environment Club
2018	11	28	23	32	21
2017	8	33	18	40	25

If the principal follows the school board's request, which club should be cancel for the 2019 school year?

Be sure to justify your response with the percent change of membership growth for each club.

diff original 
$$\frac{33-23}{8}$$
  $\frac{3}{35} = 30.30\%$   $\frac{23-14}{16}$   $\frac{7}{16} = 27.7\%$   $\frac{33-23}{33}$   $\frac{10}{35} = 30.30\%$   $\frac{40-32}{40}$   $\frac{4}{40}$   $\frac{4}{6} = 20\%$   $\frac{25-21}{25}$   $\frac{4}{25} = 16\%$ 

Do you agree or disagree? Why or Why not. If you disagree, what club would you cancel and why?

I disagree because helping the enviornment is important and removing it would be wrong I think Robotics needs to be Shut down because no one was Joning it and it clossn't really help.

After discussing with your classmates, have you changed your position? Why or Why not.

No my opinion did not Change

### STUDENT B

Professor Xavier is the principal of Anytown Middle School. He has been told by the school board that he only has enough funding to pay 4 club sponsors next year. The school board has told him to cancel the club with the least amount of growth in membership. Below is a chart detailing club membership for each of the five clubs at Anytown Middle School over the past two years.

Number of Members in	Chess Club	Drama Club	Anime Club	Robotics Club	Environment Club
No 2018	11	28	23	32	21
Or; 2017	8	33	18	40	25

If the principal follows the school board's request, which club should he cancel for the 2019 school year?

Be sure to justify your response with the percent change of membership growth for each club.

Chess

Drama

Occress

Nrease

Occress

Occ

Do you agree or disagree? Why	or Why not. If you disag	ree, what club wo	ould you cancel an	d why?
		11		

After discussing with your classmates, have you changed your position? Why or Why not.

F		 _		7077	
- 1					
- 1					
- 1	 -	 	-1		
5					
- 1	 	 			

#### Task Supporting Documents

MIP 8.4 Percent of Increase and Decrease

Percent of Change = New Value - Original Value
Original Value

- Percent of Change is a ratio of the difference between the values to the original value written as a percent.
- If the new value is larger, the difference is positive and indicates an increase.
- If the new value is smaller, the difference is negative and indicates a decrease.

### STUDENT C

Processor Name to the principal of Anytown Middle School. He has been told by the school board that he only has enough funding to pay 4 club sponsors next year. The school board has told him to cancel the club with the least amount of growth in membership. Below is a chart detailing club membership for each of the five clubs at Anytown Middle School over the past two years.

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2018	11	28	23	32	21
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If the principal follows the school board's request, which club should be cancel for the 2019 school year?

Be sure to justify your response with the percent change of membership growth for each club.

Do you agree or disagree? Why or Why not. If you disagree, what club would you cancel and why?

After discussing with your classmates, have you changed your position? Why or Why not.

### STUDENT D

Professor Xavier is the principal of Anytown Middle School, He has been told by the school board that he only has enough funding to pay 4 club sponsors next year. The school board has told him to cancel the club with the least amount of growth in membership. Below is a chart detailing club membership for each of the five clubs at Anytown Middle School over the past two years.

Number of Members in	Chess Club	Drama Club	Anime Club	Robotics Club	Environment Club
2018	11.5	28 P	23 /.	32 Q	21
2017	8 00	33 -	18 %	40 °6	25 -

If the principal follows the school board's request, which club should be cancel for the 2019 school year?

Be sure to justify your response with the percent change of membership growth for each club.

Chess: Drama: Arime: Robotics: environment: 33-28=5 23-18=5 40-32=8 25-21=4

3.75.1. 1.57. 33 2.71.8 21. Decrease 1.61.

Encrease decrease increase Decrease Decrease.

Do you agree or disagree? Why or Why not. If you disagree, what dub would you cancel and why? I disagree because hobotics is very educational aria a good way to experience enquireering. I would cance!

Anime club because to be honest it is a very specific subject that many people aren't interested in . It seems too specific to be a club.

After discussing with your classmates, have you changed your position? Why or Why not YES, I would probably GUT Chess Club because It has the least amount of Prople.

### STUDENT E

Professor Xavier is the principal of Anytown Middle School. He has been told by the school board that he only has enough funding to pay 4 club sponsors next year. The school board has told him to cancel the club with the least amount of growth in membership. Below is a chart detailing club membership for each of the five clubs at Anytown Middle School over the past two years.

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2017	8	33	18	40	25

If the principal follows the school board's request, which club should be cancel for the 2019 school year?

Be sure to justify your response with the percent change of membership growth for each club.

3 People 10H Chess & Prople Joined Kobolis 5 People John Drama 4 People Joined environments of People 10H Comme

Do you agree or disagree? Why or Why not. If you disagree, what club would you cancel and why?

I would concet thiss breaks

After discussing with your classmates, have you changed your position? Why or Why not.

I have not charged my opinion cause the the least pipels in the date

### STUDENT F

Professor Xavier is the principal of Anytown Middle School. He has been told by the school board that he only has enough funding to pay 4 club sponsors next year. The school board has told him to cancel the club with the least amount of growth in membership. Below is a chart detailing club membership for each of the five clubs at Anytown Middle School over the past two years.

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2018	11	28	23	32	21
2017	8	33	18	40	25

If the principal follows the school board's request, which club should be cancel for the 2019 school year?

Be sure to justify your response with the percent change of membership growth for each club.

Chess	Drama	Anine	Robotics	Enviorment
3 8 0375 37.54	5-33+01515 15.21x decrease	27.87. 1787. increase	20%. decrease	16% decrease

Do you agree or disagree? Why or Why not. If you disagree, what club would you cancel and why?

I disagree, because even though it had the largest decrease in numbers, it still has the most members. I would cancel chess, because it has the least amount of members.

After discussing with your classmates, have you changed your position? Why or Why not.

No because chess still has