•		CHAPTER 4		
ame		Class	Date	
	4.3 TH	E LIMITS TO MAXIMIZIN	IG.	
0		ZA—HOW BIG SHOU	10 PM	
	Imagine that v	ou are in charge of a school fu	ad enione to make m	oney for a school
	trip. The plan	is to sell pizza at school footba	il and soccer games	. You are
1	responsible for	making and selling the pizza i	for each game. The	work area ar
	Study the char		e now manage we determine	
			s	2 k
Number of Workers	Total Output in slices of prana)	Output Per Additional Worker (in slices)	a II	
0	0	0.	0 N	
		40		
l .	40			
. 2	120	80	2 ¹⁹	
3				
	250			
4	400			
5	500		aga — Navelia. Tirangan aya a	
		4.		
6	550			
7	550	<u>.</u>		
8	500	í.	8	
			, see	2 P
Fill in the blank	ts on the chart to sho	w the output added by each ac	Mid-Salamakan T.	and each amount
subtract the out	put before the works	was added from the output a	fter the worker was	added.
According to th	e chart, the nizza one	ration will experience increasi	a mine un to a noi	or because of the
CIAISIOU OF ISPO	or economies of scale	e. Up to what point do the eni	ns continue to incr	mae for each work
added? Gains co	ontinue to incresse up	to worker number E	tplain the rescons f	or the increasing
gains.	17.1			
At what mine i	R VOILE ORGANICA	unu approduce she lange of the	1_1_1_	an mill armaniana
this beginning	with worker number	you experience the law of dim Suggest some reasons !	inishing returns? Y	ou wui experience
		*		

5. Assume each worker gets paid \$50 a day and each pizza slice is sold at \$2, at what point would you stop adding workers? You would stop adding workers after worker number ____.