Vame				

Perent Increase and Decrease

Show the formula and solve the following problems.

-L	172	^
71	11/	L.

1) Carbon dioxide (CO₂) concentrations in the atmosphere increased from approximately 280 parts per million (ppm) in pre-industrial times to 382 ppm in 2006. What is the percent increase in carbon dioxide?

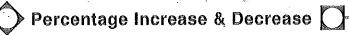
ABC

The water level in the Lake Pohtchartrain is usually 3 feet. A storm surge caused by a hurricane causes water to surge by 5 3/4 feet. What is the percent increase of the water level?

ABC 3)

Glacier National Park had 150 glaciers more than a century ago. Today there are 35. What is the percent decrease in glaciers?

Now do the problems on the back.....



Fill in the gaps...

<u>Percentage Increase</u>

	Original Amount	% Increase	New Amount
1)	56	25%	
் 2)	6	50%	
3)	5	20%	
')	8	75%	14
5)	10	90%	
6)	30	70%	
7)	. 50	2%	
8)	21	100%	

÷		Original Amount	% increase	New Amount
A,B,	ં 9)	32		56
	10)	24	25%	30
A	11)	15		18
,	12)	30		33
A,B	13)	150		153
	14)	120		126
A	15)	200		202
	16)	20		50

Hot T

Percentage Decrease

8.

B

B

	Original Amount	% decrease	New Amount
1)	50	30%	
ි 2)	18	50%	:
3)	25	4%	
4)	60	35%	
5)	40	15%	_
6)	64	75%	16
7)	40	45%	
8)	45	60%	

	Original Amount	% decrease	New Amount
9)	20	,	19
A 10)	14		7
11)	90	10%	81
AB 12)	35		21
13)			4
<u> </u>	50		47
15)	125		115
<i>AB</i> 16)	150		132