



# Percent Change

Name \_\_\_\_\_

Date \_\_\_\_\_

## BACKGROUND

1<sup>ST</sup> Base

Billy is the general manager for a baseball team. He is working with the league to select his team's nomination for the Most Improved Player Award. He has narrowed his choices down to the 4 candidates listed below. Who would you recommend that the award be given to?

Year	Brett		Machado		Ventura		Wright	
	Average	Homeruns	Average	Homeruns	Average	Homeruns	Average	Homeruns
Last Year	.294	18	.286	35	.237	21	.312	24
This Year	.329	23	.294	42	.262	27	.302	33

## RESEARCH

Use this space to make any calculations and show work.

2<sup>ND</sup> Base

## ARGUMENTS

What are the two or three best choices to make and why?

3<sup>RD</sup> Base

## DECISION

Make a decision and provide reasons to support it.

HOME



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Comparing the two seasons, students can find the percent change in each of the categories for each player.

Year	Brett		Machado		Ventura		Wright	
	Average	Homeruns	Average	Homeruns	Average	Homeruns	Average	Homeruns
Percent change	12%	28%	3%	20%	11%	29%	-3%	37.5%

## ARGUMENTS

What are the two or three best choices to make and why?

Students could make the case for Brett or Ventura on the merit that they both had double digit percent increases over the year before.

A case could be made for Machado because he did increase his homeruns the most even though the percentage change isn't the largest.

A case could be made for Wright who should the greatest single percent increase, but saw a negative percent change on his average.

3<sup>RD</sup> Base

## DECISION

Make a decision and provide reasons to support it.

Students will choose one of their arguments and provide a rationale for why they are making their decision.

Home