



BALLPARK MATH

In preparation for the upcoming season, Cooper is tasked with calculating some team statistics. From the data, help Cooper answer the questions below.

West Virginia Black Bears				
Year	Games Played	Wins	Losses	Finish
2015	76	42	34	2nd Place
2016	76	38	38	3rd Place
2017	75	40	35	3rd Place
2018	76	32	44	5th Place
2019	76	40	36	2nd Place

1. The West Virginia Black Bears have won 192 games out of 379 games played in the last five seasons. What is their overall winning percentage?

2. How many combined games did the Black Bears win in 2015 and 2016? How many combined games did they lose? What was their combined winning percentage for the two seasons?

3. Last season, the Black Bears won 40 out of 76 games. How many more games did they win than lose? What was their winning percentage for 2019?

4. If the Black Bears play 76 games this season, how many games do they need to win to have a winning percentage of 75%?