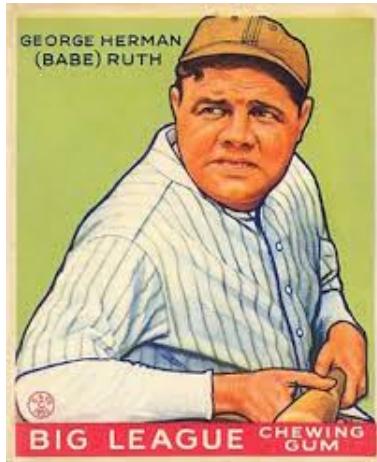


Name \_\_\_\_\_

## Babe Ruth Baseball Card Math – Rounding to the Nearest Thousandth

Use the chart below to answer the questions. These are REAL statistics!



Year	At-bats	Hits	Batting Average?
1919	432	139	
1920	458	158	
1921	540	204	
1922	406	128	
1923	522	205	
1924	529	200	
1925	359	104	

Batting average is calculated by dividing the number of hits by the number of at-bats. It is usually calculated into the thousandths.

For example, in the year 1919, Babe Ruth batted .322. This means he got a hit 32.2 percent of the times he came to bat. I got this answer by dividing 139 by 432. The answer is 0.32175926. Rounded to the nearest thousandth, I get .322. Any batting average at .300 or above is considered excellent. The higher the average, the better the batter is considered.

Fill in the batting average column for each year. Ask your teacher whether or not you can use a calculator. Make sure you correctly round to the nearest thousandth.

## Answers

Year	At-bats	Hits	Batting Average?
1919	432	139	.322
1920	458	158	.345
1921	540	204	.378
1922	406	128	.315
1923	522	205	.393
1924	529	200	.378
1925	359	104	.290