Answers # Batter Up! Compare Batting Averages of Major League Baseball Players

Name: _____   Date: _____

AMERICAN LEAGUE

Rank	Player	Team	Batting Avg.
1	Avisail Garcia	CHW	.474
2	Nomar Mazara	TEX	.417
3	Yunel Escobar	LAA	.414
4	Andrelton Simmons	LAA	.400
5	Jorje Polanco	MIN	.389

NATIONAL LEAGUE

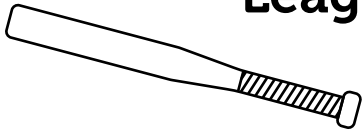| Rank	Player	Team	Batting Avg.
1	J.T. Realmuto	MIA	.500
2	Daniel Murphy	WSH	.480
3	Brandon Drury	ARI	.476
4	Zack Cozart	CIN	.450
5	Gerardo Parra	COL	.440

Use the batting average tables at the top to answer the questions below. When you are done, generate two of your own word problems requiring subtraction to the thousandths.

	Show your work	Solution in a complete sentence
1. Avisail Garcia was trash talking J. T. Realmuto, saying he was a better hitter. Whose batting average is actually better and by how much?		Realmuto's average is .026 higher so his is better.
2. Last season Murphy's batting average was .347. How much has his batting average improved?		Murphy's average improved by .133

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	Show your work	Solution in a complete sentence
3. Yunel Escobar, a Cuban born player for the Los Angeles Angels started in the major leagues in 2007 with a batting average of .326. How much has his average improved since then?		Escobar's average has improved by .088 since he started in MLB
4. How much does Gerardo Parra have to improve his average to tie with the best average in the major leagues?		To tie for the best average, Parra's average needs to increase by .060
5. Jorge Polanco of the Minnesota Twins wants to have a better batting average than Nomar Mazara on the Texas Rangers. How much does he need to improve his batting average to be better than Mazara?		To be better than Mazara, Polanco needs to improve his average by .029
6.		
7.		