Giancarlo Stanton – NY Yankees
Baseball Card Math

Name_____

	At-bats	Hits	Doubles	Triples	Home Runs	Runs Batted In	Stolen Bases	On-Base Percentage	Batting Average
2016	470	99	20	1	27	74	0	.326	.240
2017	597	168	32	0	59	132	2	.376	.281

At-bats = The number of times a player bats (without getting a walk)
Hits = The number of times a player gets a single, double, triple, or home run
Doubles = The number of times a player gets a hit and makes it to second base
Triples = The number of times a player gets a hit and makes it to third base
Home Runs = The number of times a player hits the ball and it goes over the fence (or the number of times a player hits the ball and makes it to home plate).
Runs Batted in = The number of times a player makes a play that results in one or more runs being scored.
Stolen Base = The number of times the player makes it from first to second base, from second to third base, or, from third to home plate while the pitcher is pitching.
On-Base Percentage = The numerical chance in which a player makes it to a base.
Batting Average = The numerical chance in which a player gets a hit. (Hits divided by At-bats)

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1. In 2017, Giancarlo Stanton had 168 hits. How many of those hits were singles? (Hint: Hits are singles, doubles, triples, and home runs).

2. If there was a statistic called “out percentage,” meaning the numerical chance the player would get an out, what would Stanton’s “out percentage” be in 2016? How much higher would it be in 2017?

3. A batting average of .300 is considered excellent in major league baseball. Batting average is found by dividing hits by at-bats. In 2017, Stanton’s batting average was .281. How many more hits would he have needed to achieve a .300 batting average?

Answers

1. In 2017, Giancarlo Stanton had 168 hits. How many of those hits were singles? (Hint: Hits are singles, doubles, triples, and home runs).

   77

2. If there was a statistic called “out percentage,” meaning the numerical chance the player would get an out, what would Stanton’s “out percentage” be in 2016? How much higher would it be in 2017?

   2016: .674 (He was out 67.4% of at-bats)
   2017: .624 (He was out 62.4% of at-bats)

3. A batting average of .300 is considered excellent in major league baseball. Batting average is found by dividing hits by at-bats. In 2017, Stanton’s batting average was .281. How many more hits would he have needed to achieve a .300 batting average?

   He would have needed 11 more hits (179/797 = .2998 or .300)