



SLUGGING PERCENTAGE

Slugging percentage is almost like batting average, but it also considers what types of hit a player gets.

To calculate slugging percentage, use the chart below to find a player's total bases.

Single: the player makes it to 1st base.	Multiply the number of times he hit a single by 1 .
Double: the player makes it to 2nd base.	Multiply the number of times he hit a double by 2 .
Triple: the player makes it to 3rd base.	Multiply the number of times he hit a triple by 3 .
Home Run: the player makes it to home.	Multiply the number of times he hit a home run by 4 .

Example:

Ben and Andre both have a batting average of .300, but Ben hits almost all singles and Andre hits more doubles and home runs. This means Andre's slugging percentage is higher than Ben's, since he has more total bases.

Calculate Andre's slugging percentage by adding together his total bases from his three most recent games. Out of **16** at-bats, he had **2** singles, **1** double and **2** home runs. Multiply these by the number of bases in the type of hit. (See the chart above if you need help!)

$$2 \text{ singles} \times 1 \text{ base} = 2 \text{ bases}$$

$$1 \text{ double} \times 2 \text{ bases} = 2 \text{ bases}$$

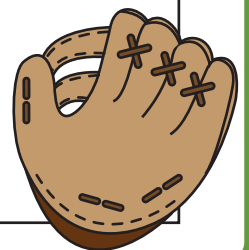
$$0 \text{ triples} \times 3 \text{ bases} = 0 \text{ bases}$$

$$2 \text{ home runs} \times 4 \text{ bases} = 8 \text{ bases}$$

$$2+2+0+8 = 12 \text{ total bases}$$

Divide Andre's total bases by the number of times he batted.

$$12 \div 16 = .750 \text{ slugging percentage}$$





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Use the information in the table below to find the slugging percentages for these players from the Medford Miners. See the previous page if you need help!

PLAYER	SINGLES	DOUBLES	TRIPLES	HOME RUNS	AT-BATS	BATTING AVERAGE	SLUGGING %
Casey	2	2	0	0	15	.267	
Duane	3	1	1	0	15	.333	
Everett	1	0	0	1	12	.250	
Brad	3	0	0	1	14	.286	
Nolan	3	0	0	0	15	.200	
Mark	1	2	0	1	15	.333	

Once you've found them, answer the questions below.

1. Duane and Mark both have .333 batting averages. Who has the higher slugging percentage?
2. Who has the highest slugging percentage *without* hitting a home run?
3. There's one player who has a higher batting average but lower slugging percentage than another player. Who is it?

