

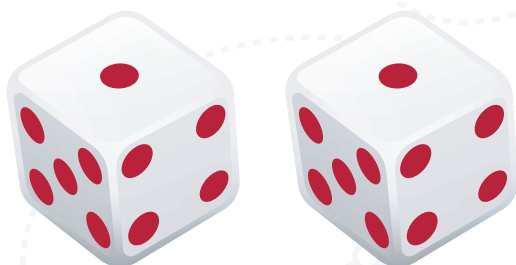
Statistics

Description:

Analyze baseball cards and learn about the statistical analysis of player stats. Once you are finished with that, roll dice and calculate how many times you roll a 1 or 2 out of 10 times. Convert that fraction to a decimal and a percentage.

Activity: Roll a die to see what your batting average could be out of 10 tries.

Key Concept: $\text{batting average} = \frac{\text{hits}}{\text{at bats}}$



Using Luis Gonzalez's hitting stats, answer the following questions:

Roll #	Hit	Out
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

LUIS GONZALEZ OF													20
Luis is one of the most popular figures in D-backs history because of the way he interacted with fans and his game-winning single in game 7 of the 2001 World Series to give the organization its first world championship.													
D-BACKS CAREER	G	AB	R	H	2B	3B	HR	RBI	SB	BB	SO	SLG	AVG
99 D-BACKS	153	614	112	206	45	4	26	111	9	66	63	.549	.336
00 D-BACKS	162	618	106	192	47	2	31	114	2	78	85	.544	.311
01 D-BACKS	162	609	128	198	36	7	57	142	1	100	83	.688	.325
02 D-BACKS	148	524	90	151	19	3	28	103	9	97	76	.496	.288
03 D-BACKS	156	579	92	176	46	4	26	104	5	94	67	.532	.304
04 D-BACKS	105	379	69	98	28	5	17	48	2	68	58	.493	.259
05 D-BACKS	155	579	90	157	37	0	24	79	4	78	90	.459	.271
06 D-BACKS	153	586	93	159	52	2	15	73	0	69	58	.444	.271
D-BACKS TOTALS	1194	4488	780	1337	310	27	224	774	32	650	580	.529	.298
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1. In what year was his highest batting average?
2. In what year did Luis Gonzalez have the lowest batting average?
3. What is the highest number of hits Luis Gonzalez had in a single season?
4. What is the average number of home runs Luis Gonzalez hit over the 8 years?

