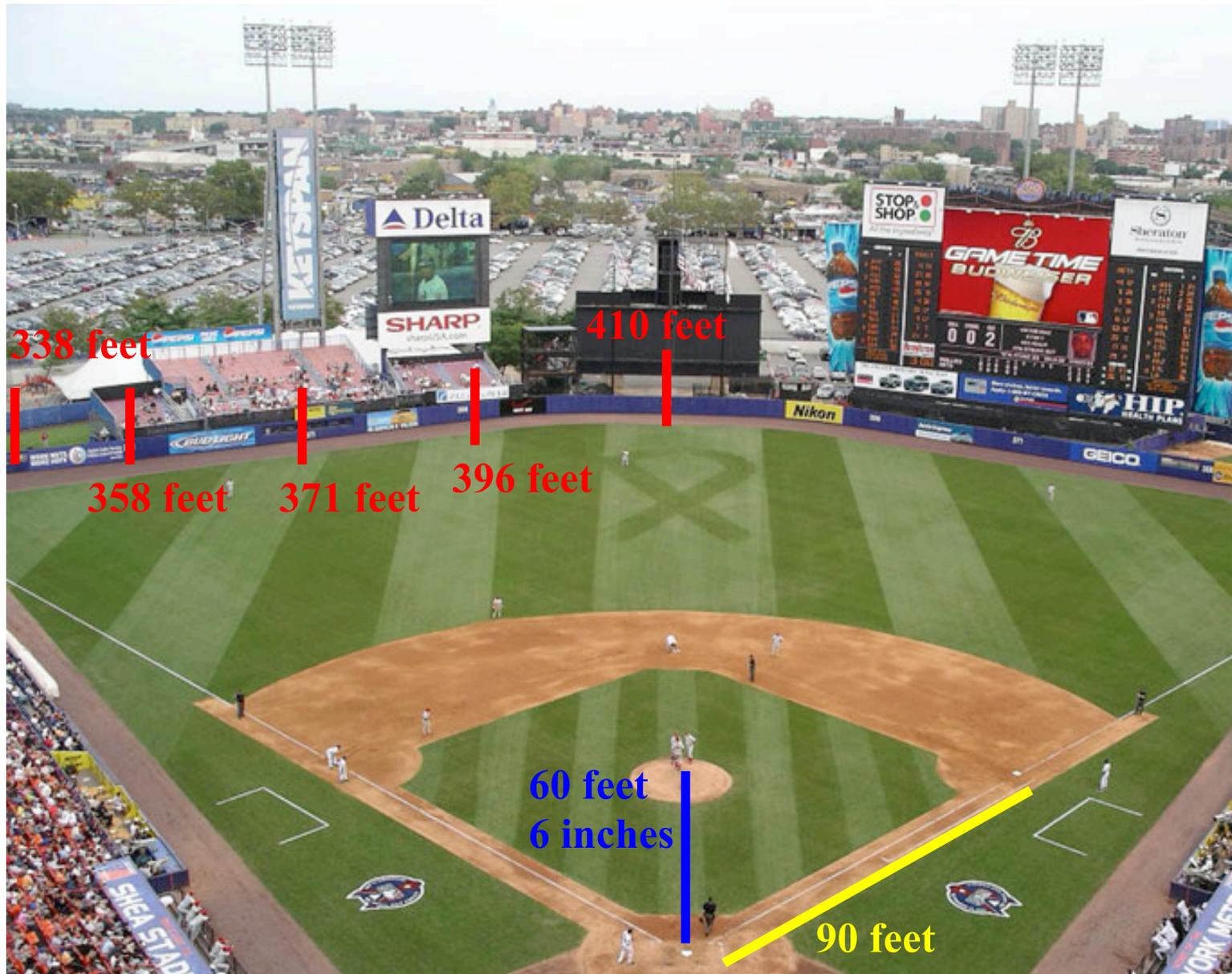




MATH IS... Baseball



MLB PITCHING: TRIPLE CROWN LEADERS

WINS		STRIKEOUTS		ERA	
	2 tied with		Bedard		Peavy
	18		221		2.43
Game Log Splits		Game Log Splits		Game Log Splits	
1 Beckett	BOS 18	2 Santana	MIN 213	2 Young	SD 2.72
1 Wang	NYN 18	3 Peavy	SD 210	3 Penny	LAD 2.81
3 Sabathia	CLE 17	4 Kazmir	TB 199	4 Webb	ARI 2.91
4 5 more tied with	16	5 Harang	CIN 187	5 Smoltz	ATL 3.02

National League


East	W	L	PCT	GB	E#	L10	STRK
New York	81	61	.570	-	-	8-2	W3
Philadelphia	75	67	.528	6.0	15	5-5	W2
Atlanta	73	70	.510	8.5	12	5-5	L1
Washington	64	79	.448	17.5	3	6-4	W1
Florida	61	82	.427	20.5	E	3-7	L2
Central	W	L	PCT	GB	E#	L10	STRK
Milwaukee	73	69	.514	-	-	7-3	W2
Chicago	72	70	.507	1.0	20	4-6	L1
St. Louis	69	71	.493	3.0	19	5-5	L3
Cincinnati	64	79	.448	9.5	11	3-7	L2
Pittsburgh	63	80	.441	10.5	10	4-6	W1
Houston	62	81	.434	11.5	9	3-7	L5
West	W	L	PCT	GB	E#	L10	STRK
Arizona	81	63	.563	-	-	7-3	W5
San Diego	77	65	.542	3.0	17	4-6	L1
Los Angeles	75	68	.524	5.5	14	5-5	L1
Colorado	74	68	.521	6.0	14	7-3	W1
San Francisco	65	78	.455	15.5	4	4-6	W1

Houston										NY Mets									
AB	R	H	RB	IBB	SO	LOB	AVG	AB	R	H	RB	IBB	SO	LOB	AVG				
Pence, CF	5	0	0	0	0	1	.323	Reyes, SS	3	0	0	0	0	1	.288				
Biggio, 2B	5	0	1	0	0	2	.252	Castillo, 2B	3	1	1	0	1	0	.298				
Miller, P	0	0	0	0	0	0	.000	Beltran, CF	3	1	2	2	0	0	.283				
Berkman, 1B	4	0	2	0	1	1	.279	Alou, LF	4	1	1	2	0	1	.328				
Lee, LF	5	0	1	0	0	1	.298	Gomez, LF	0	0	0	0	0	0	.248				
Loretta, SS-3B	4	0	2	0	1	0	.276	Green, 1B	4	0	2	0	0	0	.278				
Lamb, 3B	3	0	1	0	0	0	.290	Lo Duca, C	4	0	1	0	0	1	.271				
a-Burke, PH-SS-2B	2	0	0	0	0	0	.227	Gotay, 3B	4	0	0	0	0	1	.314				
Scott, RF	5	1	1	1	0	2	.258	Chavez, RF	4	0	1	0	0	0	.261				
Ausmus, C	4	0	2	0	0	0	.234	Martinez, P	2	1	1	0	0	0	.250				
Oswalt, P	1	0	0	0	0	0	.136	Mota, P	0	0	0	0	0	0	.000				
b-Palmeiro, PH	0	0	0	0	1	0	.242	a-Milledge, PH	0	0	0	0	0	0	.291				
Bruntlett, SS	0	0	0	0	0	0	.240	Feliciano, P	0	0	0	0	0	0	.000				
Totals	38	1	10	1	3	7	30	Heilman, P	0	0	0	0	0	0	.000				
								b-Conine, PH	1	0	0	0	0	0	.260				
								Wagner, P	0	0	0	0	0	0	.000				
								Totals	32	4	9	4	1	4	12				

a-Lined out for Lamb in the 7th. b-Walked for Oswalt in the 8th.

BATTING

2B: Ausmus (16, Martinez), Berkman (21, Martinez).

HR: Scott (18, 6th inning off Mota, 0 on, 0 out).

TB: Biggio; Berkman 3; Lee; Loretta 2; Lamb; Scott 4; Ausmus 3.

RBI: Scott (63).

Runners left in scoring position, 2 out: Pence 2; Lamb 3; Lee 2; Berkman; Scott.

S: Oswalt.

Team LOB: 15.

FIELDING

E: Loretta (7, fielding).

a-Hit by pitch for Mota in the 6th. b-Grounded out for Heilman in the 8th.

BATTING

2B: Castillo (16, Oswalt), Martinez (1, Oswalt), Beltran (31, Oswalt), Green (30, Oswalt).

HR: Alou (11, 5th inning off Oswalt, 1 on, 1 out).

TB: Castillo 2; Beltran 3; Alou 4; Green 3; Lo Duca; Chavez; Martinez 2.

RBI: Beltran 2 (93), Alou 2 (35).

Runners left in scoring position, 2 out: Alou; Reyes 2; Lo Duca.

S: Reyes.

SF: Beltran.

Team LOB: 8.

Houston									NY Mets								
IP	H	R	ER	BB	SO	HR	ERA	IP	H	R	ER	BB	SO	HR	ERA		
Oswalt (L, 14-7)	7.0	9	4	4	1	4	3.41	Martinez (W, 2-0)	5.0	6	0	0	1	4	0	1.80	
Miller	1.0	0	0	0	0	0	4.78	Mota	1.0	2	1	1	1	2	1	5.82	
								Feliciano (H, 18)	1.0	1	0	0	0	0	0	2.88	
								Heilman (H, 19)	1.0	0	0	0	1	0	0	3.11	
								Wagner (S, 32)	1.0	1	0	0	0	1	0	2.49	

WP: Martinez.

HBP: Milledge (by Oswalt), Oswalt (by Martinez).

Pitches-strikes: Oswalt 106-75, Miller 15-10, Martinez 92-65, Mota 25-13, Feliciano 13-10, Heilman 15-7, Wagner 12-9.

Ground outs-fly outs: Oswalt 8-9, Miller 2-1, Martinez 4-8, Mota 2-0, Feliciano 1-2, Heilman 3-0, Wagner 1-1.

Batters faced: Oswalt 33, Miller 3, Martinez 24, Mota 7, Feliciano 4, Heilman 4, Wagner 4.

Umpires: HP: Dana DeMuth. 1B: Kerwin Danley. 2B: Doug Eddings. 3B: Mike Everitt.

Weather: 84 degrees, partly cloudy.

Wind: 11 mph, Out to LF.

T: 2:42.

Att: 51,847.

Shea Stadium

-  There is 90 feet between each base
-  The length between home plate and the pitchers mound is 60 feet 6 inches
-  Home plate is a pentagon
-  The infield is referred to as a diamond but is really a square because the distance between the bases are equal just like a square
-  The dimensions in the outfield are 338, 358, 371 and 396 feet from home plate on both the right and left field sides and the distance to centerfield is 410 feet. The field is symmetrical because it has the same dimensions both to the right and left of center field.

Statistics

-  The statistics show the MLB Hitting Triple Crown Leaders
-  Batting Average is related to math because it is hits divided by at-bats
 - $\text{Batting Average} = \text{Hits} / \text{At bats}$
-  ERA which stands for earned run average is the average amount of runs given up per nine innings. ERA is found by dividing the number of earned runs allowed by the number of innings pitched and multiplying that by nine.
 - $\text{ERA} = 9 \times (\text{Earned Runs} / \text{Innings Pitched})$
-  Below that is the teams' standings, winning percentage is number of wins divided by total games played
 - $\text{Winning Percentage} = \text{Wins} / \text{Games Played}$
-  Below that is a box score, which gives examples of some statistics that summarize a baseball game