

ACTIVITY 51: NBA® STANDINGS 2

New Skills Reinforced:

In this activity, you will practice how to:

1. expand on the use of the absolute cell reference in formulas.

Activity Overview:

The following activity illustrates how spreadsheets can be used to compute the relationship between the first place team and all the other teams in the division using a formula with an absolute cell reference. An absolute cell reference is used when a reference to a cell's address (either the row, column, or both) must remain fixed. In this activity, you will be using an absolute cell reference to compute the number of "games back" each NBA® team is from the first place team in each division.

This activity expands on the NBA® Standings spreadsheet created in Activity 30.

Instructions:

NEW SKILL

1. Open the file NBA STANDINGS previously created in Activity 30.

Note: Unless otherwise stated, the font should be set to Arial, the font size to 10 point.

2. Delete row 1 containing "Activity 30 Student Name."

3. Input the formulas for GB (Games Back) for the first place team in each division as follows: (The \$ that is used in each formula creates an absolute cell reference to the cells containing the first place team's number of wins in each division.)

- a. In cell E6, type = $\$B\$6-B6$

Use the AutoFill feature to copy the formula down for the remaining teams in the Atlantic Division.

- b. In cell E13, type = $\$B\$13-B13$

Use the AutoFill feature to copy the formula down for the remaining teams in the Central Division.

- c. In cell E20, type = $B\$20-B20$

Use the AutoFill feature to copy the formula down for the remaining teams in the Southeast Division.

- d. In cell E28, type = $\$B\$28-B28$

Use the AutoFill feature to copy the formula down for the remaining teams in the Northwest Division.

- e. In cell E35, type = $\$B\$35-B35$

Use the AutoFill feature to copy the formula down for the remaining teams in the Pacific Division.

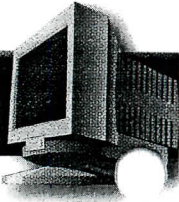
- f. In cell E42, type = $\$B\$42-B42$

Use the AutoFill feature to copy the formula down for the remaining teams in the Southwest Division.

Activity 51: NBA[®] Standings 2 Instructions Continued

4. Format column E as accounting displaying 0 decimal places and no symbol.
5. Insert a header that shows:
 - a. Left Section Activity 51-Student Name
 - b. Center Section NBA STANDINGS 2
 - c. Right Section Current Date
6. Insert a footer that shows:
 - a. Center Section PAGE number
7. Display formulas in your spreadsheet by using <CTRL> + ` to check for accuracy.
8. Carefully proofread your work for accuracy.
9. Save the spreadsheet as NBA STANDINGS 2.
10. Analyze the changes made to the data in the spreadsheet.
11. Set the Print Area to include all cells containing data in the spreadsheet.
12. Print Preview and adjust the Page Setup so that the spreadsheet fits on one page.
13. Print a copy of the spreadsheet if required by your instructor.

ACTIVITY 51: NBA® STANDINGS 2 DATA SPREADSHEET



	A	B	C	D	E	F	G
1	N.B.A. STANDINGS		2005-2006 Division Standings				
2							
3							
4	EASTERN CONFERENCE						
5	ATLANTIC DIVISION	W	L	PCT	GB		
6	New Jersey Nets	49	33	0.598			
7	Philadelphia 76ers	38	44	0.463			
8	Boston Celtics	33	49	0.402			
9	Toronto Raptors	27	55	0.329			
10	New York Knicks	23	59	0.280			
11							
12	CENTRAL DIVISION	W	L	PCT	GB		
13	Detroit Pistons	64	18	0.780			
14	Cleveland Cavaliers	50	32	0.610			
15	Indiana Pacers	41	41	0.500			
16	Chicago Bulls	41	41	0.500			
17	Milwaukee Bucks	40	42	0.488			
18							
19	SOUTHEAST DIVISION	W	L	PCT	GB		
20	Miami Heat	52	30	0.634			
21	Washington Wizards	42	40	0.512			
22	Orlando Magic	36	46	0.439			
23	Charlotte Bobcats	26	56	0.317			
24	Atlanta Hawks	26	56	0.317			
25							
26	WESTERN CONFERENCE						
27	NORTHWEST DIVISION	W	L	PCT	GB		
28	Denver Nuggets	44	38	0.537			
29	Utah Jazz	41	41	0.500			
30	Seattle SuperSonics	35	47	0.427			
31	Minnesota Timberwolves	33	49	0.402			
32	Portland Trail Blazers	21	61	0.256			
33							
34	PACIFIC DIVISION	W	L	PCT	GB		
35	Phoenix Suns	54	28	0.659			
36	L.A. Clippers	47	35	0.573			
37	L.A. Lakers	45	37	0.549			
38	Sacramento Kings	44	38	0.537			
39	Golden State Warriors	34	48	0.415			
40							
41	SOUTHWEST DIVISION	W	L	PCT	GB		
42	San Antonio Spurs	63	19	0.768			
43	Dallas Mavericks	60	22	0.732			
44	Memphis Grizzlies	49	33	0.598			
45	New Orleans Hornets	38	44	0.463			
46	Houston Rockets	34	48	0.415			