ACTIVITY 30: NBA® STANDINGS

New Skills Reinforced:

In this activity, you will practice how to:
1. insert and delete rows.

Activity Overview:

The National Basketball Association® (NBA®) is one of the most popular professional sports leagues in the world! It is estimated that the American game is now played by more than 250 million people worldwide in an organized fashion, as well as by countless others in "pick-up" games.

In the regular season, each NBA® team plays 82 games, which are divided evenly between home and away games. Schedules are not identical for all teams. A team faces opponents in its own division four times a year, teams from the other two divisions in its conference either three or four times a year, and teams in the other conference two times each.

The following activity illustrates how newspapers use spreadsheets to list the NBA® Standings so sports enthusiasts can see how their favorite teams are doing as compared to other teams in the NBA®.

Instructions:

1. Create a NEW spreadsheet.
   Note: Unless otherwise stated, the font should be set to Arial, the font size to 10 point.
2. Type the data as shown.
   NEW SKILL → 3. Delete rows 5 and 28 simultaneously (**Hint:** Click and hold <CTRL> to select both rows).
   NEW SKILL → 4. Insert a row above EASTERN CONFERENCE.
5. Format the width of column A to 26.0 and columns B – E to 8.0.
6. Bold row 2 and change the font size to 16 point.
7. Bold rows 5 and 27 and change the font size to 14 point.
8. Bold rows 6, 13, 20, 28, 35, and 42 and change the font size to 12 point.
9. Compute the formula for PCT (Percentage Won) for the first game as follows:
   a. PCT(Percentage Won)=W/(W+L) -> (**Note:** W(Wins), L(Losses))
      In cell D7, type =B7/(B7+C7)
   Note: You will compute the GB (Games Back) column in Activity 51.
10. Copy and paste the PCT formula in cell D7 for the remaining teams in each division in column D.
11. Format column D as numbers displaying 3 decimal places.
12. Center align columns B – E.
13. Display formulas in your spreadsheet by using <CTRL> + ` to check for accuracy.
14. Carefully proofread your work for accuracy.
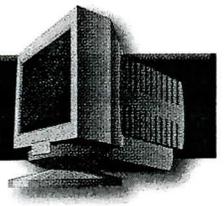15. Save the spreadsheet as NBA STANDINGS.
16. Analyze the changes made to the data in the spreadsheet.
17. Set the Print Area to include all cells containing data in the spreadsheet.
18. Print Preview and adjust the Page Setup so that the spreadsheet fits on one page.
19. Print a copy of the spreadsheet if required by your instructor.

ACTIVITY 30: NBA® STANDINGS DATA SPREADSHEET

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

Source: www.NBA.com

Microsoft Excel It!