

Jordin Tootoo Comparing Integers

Subject: Mathematics
Strand: Number

Creator: Alison Kimberly
Grade: 6

Content (topic)	
Comparing Integers	
Outcomes N6.6 Demonstrate understanding of integers concretely, pictorially, and symbolically.	Indicators N6.6c: Compare two integers and describe their relationship symbolically using $<$, $>$, or $=$.
Lesson Preparation Equipment/materials: <ul style="list-style-type: none"> Jordin Tootoo's stats Comparative worksheet Advanced Preparation: <ul style="list-style-type: none"> Provide a copy of Appendix A: Jordin Tootoo's statistics to the students either on paper or on a display. A copy of Appendix B: the activity sheet for each student. 	
Development: <ul style="list-style-type: none"> Provide the class with a short history on Jordin Tootoo, this can be done by explaining that Jordin Tootoo became the first Inuk to play in National Hockey League (NHL) game and is a role model for many youth. He is known for giving a full effort on the ice even though he only stand at 5'-9" tall, making him one of the NHL's shortest players. Jordin is proud to be Inuit and often highlights the rights of Inuit people on their land, the federal government's description and recognition of Indigenous people, racism and the higher incidence of Aboriginal youth suicide. Not only is he admired for his skill but also the way he uses his fame to draw attention to many of the issues in his community. More information can be found in the references. Hand out or display Jordin Tootoo's statistics to the students either on paper or on a display. (Appendix A) Give a copy of the activity sheet for each student. (Appendix B) 	

http://en.wikipedia.org/wiki/Jordin_Tootoo

<http://www.hockeydb.com/ihdb/stats/pdisplay.php?pid=50703>

<http://sports.yahoo.com/nhl/players/3133>

Appendix A
Jordin Tootoo's Statistics

Season	Team	Regular Season			Playoffs		
		GP	G	A	GP	G	A
1999-00	Brandon Wheat Kings	45	6	10	-----	-----	-----
2000-01	Brandon Wheat Kings	60	20	28	6	2	4
2001-02	Brandon Wheat Kings	64	32	39	16	4	3
2002-03	Brandon Wheat Kings	51	35	39	17	6	3
2003-04	Nashville Predators	70	4	4	5	0	0
2004-05	Milwaukee Admirals	59	10	123	6	0	0
2005-06	Nashville Predators	34	4	6	3	0	0
2006-07	Nashville Predators	65	3	6	4	0	1
2007-08	Nashville Predators	63	11	7	6	2	0
2008-09	Nashville Predators	72	4	12	-----	-----	-----
2009-10	Nashville Predators	51	6	10	6	0	1
2010-11	Nashville Predators	54	8	10	12	1	5

GP: Games played

G: Goals scored

A: Assists

Appendix B Activity Sheet

Comparing and Describing the Relationship of Integers Using the symbols $<$, $>$, or $=$ to describe the relationship.

For example

Compare Jordin Tootoo's goals in the 2009-10 season to the number of goals he scored in the playoffs. Write a mathematical expression that compares the number of goals he scored in the regular season to the number of goals he scored in the playoffs.

Answer: $6 > 1$

Practice

1. Compare the goals Jordin scored in the 2007/08 season to the number of assists he earned during that same season.
2. Compare the number of points Jordin earned in the 2004-05 season to the number of earned points in the 2005-06 season.
3. Compare the number of goals Jordin scored during the 2004-05 season in comparison to the number of assists that Jordin received during that same season.
4. Compare the number of points earned during Jordin's last year with the Brandon Wheat Kings to the first year he played for the Nashville Predators.
5. Compare the total number of goals Jordin scored while playing 4 seasons with Brandon Wheat Kings to the number of goals he scored in his first 4 seasons with the Nashville Predators.

Make up your own comparative question. Have another student solve it and give it back to you to see if you agree with the answer.