Writing Inequalities: Extra Practice

Transform each statement into an inequality.

1. A number added to 7 is less than 15
2. 3 more than 5x is at most 32
3. A number divided by 2 is greater than or equal to 8
4. 6 less than n is more than 5n minus 3
5. Matt is taller than Larry but shorter than Nick. Sam is taller than Larry, but shorter than Matt. Using m for Matt, l for Larry, n for Nick, and s for sam, write an inequality to express their height.
6. Lee goes to the video game store with $120. He buys a controller for $30, and then he buys games that are $5 apiece. How many games could Lee buy?

Write a sentence that describes each inequality.

1. 9 is less than 20
2. -4 is less than or equal to 5 times a number
3. b is greater than 32
4. m is less than or equal to 15 and greater than 3