

# Writing and Graphing Inequalities

> more than  
greater than      < less than

<p>1. Sharon collected <u>more than</u> 1500 signatures on her petition.</p> <p><math>s = \text{signatures}</math></p>	<p><math>s &gt; 1500</math></p>
<p>2. Tim scored <u>less than</u> 100 percent on his final exam.</p> <p><math>e = \text{exam}</math></p>	<p><math>e &lt; 100</math></p>
<p>3. Julie earned <u>more than</u> \$1500.00 during her summer job.</p> <p><math>m = \text{money}</math></p>	<p><math>m &gt; 1500</math></p>
<p>4. Samantha earned <u>less than</u> \$100.00 working over the weekend.</p> <p><math>m = \text{money}</math></p>	<p><math>m &lt; 100</math></p>
<p>5. Ali collected <u>more than</u> 60 cans on the food drive.</p> <p><math>c = \text{cans}</math></p>	<p><math>c &gt; 60</math></p>
<p>6. Alex's score was <u>less than or equal to</u> 95%.</p> <p><math>s = \text{score}</math></p>	<p><math>s \leq 95</math></p>
<p>7. Tom's score was <u>greater than or equal to</u> 80%.</p> <p><math>s = \text{score}</math></p>	<p><math>s \geq 80</math></p>
<p>8. John's group was <u>greater than or equal to</u> 90 members.</p> <p><math>g = \text{group members}</math></p>	<p><math>g \geq 90</math></p>
<p>9. Carol's collection was <u>greater than or equal to</u> 56 pieces of candy.</p> <p><math>c = \text{candy}</math></p>	<p><math>c \geq 56</math></p>
<p>10. Frank's table was <u>less than or equal to</u> 26 inches high.</p> <p><math>t = \text{table}</math></p>	<p><math>t \leq 26</math></p>

$\geq$   
greater than  
or  
equal to

$\leq$   
less than  
or  
equal to