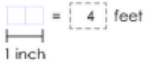
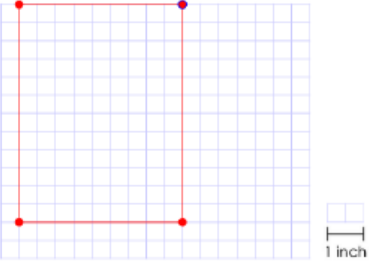
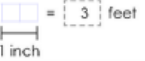
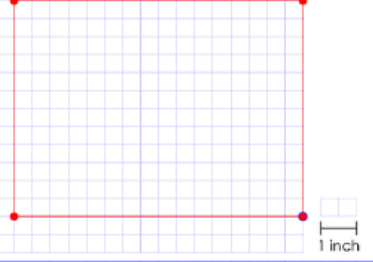


**Grade 7 Mathematics Sample Items
Answer Key**

Item #	Item Type	Calculator Available?	Point(s)	Standard	Rubric / Key	Scoring																
1	Table Input	No	1	7.NS.3	<table border="1"> <thead> <tr> <th>Day</th> <th>Change in Daily High Temperature (°F)</th> </tr> </thead> <tbody> <tr> <td>Monday</td> <td>+ 7</td> </tr> <tr> <td>Tuesday</td> <td>-3</td> </tr> <tr> <td>Wednesday</td> <td>- 12</td> </tr> <tr> <td>Thursday</td> <td>-10</td> </tr> <tr> <td>Friday</td> <td>+ 2</td> </tr> <tr> <td>Saturday</td> <td>+ 1</td> </tr> <tr> <td>Total</td> <td>-15</td> </tr> </tbody> </table> <p>Other Correct Responses:</p> <ul style="list-style-type: none"> any two values whose sum is -13 	Day	Change in Daily High Temperature (°F)	Monday	+ 7	Tuesday	-3	Wednesday	- 12	Thursday	-10	Friday	+ 2	Saturday	+ 1	Total	-15	One pair of correct values receives 1 point
Day	Change in Daily High Temperature (°F)																					
Monday	+ 7																					
Tuesday	-3																					
Wednesday	- 12																					
Thursday	-10																					
Friday	+ 2																					
Saturday	+ 1																					
Total	-15																					
2	Grid	No	1	7.NS.1c	<p>Other correct responses:</p> <ul style="list-style-type: none"> any response where $a < b$, $c < 0$, and the distance from a to b is the same distance as c to 0 	Two correct placements receive 1 point																
3	Multi-Select	Yes	1	7.RP.2a	<input checked="" type="checkbox"/> Drink 1 <input checked="" type="checkbox"/> Drink 2 <input type="checkbox"/> Drink 3 <input type="checkbox"/> Drink 4 <input checked="" type="checkbox"/> Drink 5	The correct response receives 1 point																

Item #	Item Type	Calculator Available?	Point(s)	Standard	Rubric / Key	Scoring
4	Grid	Yes	1	7.G.1	<p>A. Scale </p> <hr/> <p>B. Scale drawing </p> <hr/> <p>OR</p> <p>A. Scale </p> <hr/> <p>B. Scale drawing </p> <ul style="list-style-type: none"> In part A, the scale may be 04 or 03. In part B, any rectangle with the proper dimensions given the scale in part A 	A correct rectangle for the chosen scale receives 1 point
5	Equation	Yes	1	7.SP.2	55	The correct response receives 1 point
6	Multiple Choice	Yes	1	7.SP.7b	C	The correct response receives 1 point

Item #	Item Type	Calculator Available?	Point(s)	Standard	Rubric / Key	Scoring
7	Equation	Yes	2	7.EE.4b	<p>A: $6p + 3 \geq 25$</p> <p>B: 4</p>	<p>A full-credit response includes:</p> <ul style="list-style-type: none"> • A correct inequality (1 point) <p>AND</p> <ul style="list-style-type: none"> • A correct number of packages (1 point)