

Item Number	Answer Key	Evidence Statement Key																									
1.	C	7.NS.1b-2																									
2.	C	7.NS.1c-1																									
3.	4	7.NS.3																									
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12.	From 10 a.m. to 2 p.m., the temperature at Sam's house <input type="text" value="increased"/> by <input type="text" value="8"/> ° Fahrenheit.	7.NS.3																								
13.	D	7.EE.1																								
14.	10	7.EE.4a-1																								
15.	B	7.EE.4a-1																								
16.	A	7.EE.4b																								
17.	A, E	7.G.3																								
18.	5	7.SP.3																								

19.	A	7.RP.1
20.	Part A: B Part B: 72	7.RP.3-1
21.	Part A: B Part B: 20000	7.RP.3-2
22.	Part A: 68.40 Part B: 456	7.EE.3
23.	Part A: 252 Part B: 1062.50	7.EE.3
24.	Volume = <input type="text" value="18"/> cubic feet Surface Area = <input type="text" value="44"/> square feet	7.G.6
25.	<div style="border: 1px solid black; padding: 10px;"> <p>The equation to find x, the measure of angle TQV, is $2x = 100$.</p> <p>The measure of angle TQV is 50 degrees.</p> </div> <p>NOTE: or equivalent equation</p>	7.G.5
26.	Part A: A, B, E Part B: A, D, E	7.G.2
27.	B	7.SP.4
28.	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; padding: 5px; text-align: center;">Arrow lands on a section labeled with the number 1.</div> <div style="border: 1px solid black; padding: 5px; text-align: center;">Arrow lands on a section labeled with an odd number.</div> <div style="border: 1px solid black; padding: 5px; text-align: center;">Arrow lands on a section labeled with a number less than 4.</div> </div> <p>Least Likely Most Likely</p>	7.SP.5
29.	$\frac{1}{6}$ or equivalent	7.SP.7a
30.	<input type="text" value="2"/> <hr style="width: 20%; margin: 5px auto;"/> <input type="text" value="3"/>	7.RP.1

31.	Part A: 25 Part B: 750 Part C: B Part D: C	7.RP.3-1
32.	<div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="border: 1px solid #ccc; padding: 5px; width: 20%; text-align: center;"> <p>Soup B: 2 cans for \$5.00</p> <div style="border: 1px solid #007bff; padding: 2px; margin: 5px; color: #007bff;">Does not have the same price per can as Soup A</div> </div> <div style="border: 1px solid #ccc; padding: 5px; width: 20%; text-align: center;"> <p>Soup C: 3 cans for \$4.50</p> <div style="border: 1px solid #007bff; padding: 2px; margin: 5px; color: #007bff;">Has the same price per can as Soup A</div> </div> <div style="border: 1px solid #ccc; padding: 5px; width: 20%; text-align: center;"> <p>Soup D: 5 cans for \$5.50</p> <div style="border: 1px solid #007bff; padding: 2px; margin: 5px; color: #007bff;">Does not have the same price per can as Soup A</div> </div> <div style="border: 1px solid #ccc; padding: 5px; width: 20%; text-align: center;"> <p>Soup E: 6 cans for \$9.00</p> <div style="border: 1px solid #007bff; padding: 2px; margin: 5px; color: #007bff;">Has the same price per can as Soup A</div> </div> </div>	7.RP.2a
33.	Part A: 10 Part B: <p>Based on the results of this simulation, when 3 people are randomly selected, exactly 2 right-handed people are selected approximately <input style="width: 50px; border: 1px solid #ccc;" type="text" value="20"/> percent of the time.</p>	7.SP.8c