Lesson Check (CC.6.EE.9)

1. The table shows the total cost $c$ in dollars of $n$ gift baskets. What will be the cost of 9 gift baskets?

<table>
<thead>
<tr>
<th>$n$</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
</tr>
</thead>
<tbody>
<tr>
<td>$c$</td>
<td>$36$</td>
<td>$48$</td>
<td>$60$</td>
<td>$72$</td>
</tr>
</tbody>
</table>

A $\text{S21}$  
B $\text{S84}$  
C $\text{S108}$  
D $\text{S118}$

2. The table shows the number of minutes $m$ that Tara has practiced after $d$ days. If Tara has practiced for 70 minutes, how many days has she practiced?

<table>
<thead>
<tr>
<th>$d$</th>
<th>1</th>
<th>3</th>
<th>5</th>
<th>7</th>
</tr>
</thead>
<tbody>
<tr>
<td>$m$</td>
<td>35</td>
<td>105</td>
<td>175</td>
<td>245</td>
</tr>
</tbody>
</table>

A 2 days  
B 4 days  
C 6 days  
D 8 days


3. Soccer shirts cost $\text{S15}$ each, and soccer shorts cost $\text{S18}$ each. The expression $15n + 18n$ represents the total cost in dollars of $n$ uniforms. Simplify the expression by combining like terms. (Lesson 7.7)

A 33  
B 33$n$  
C $15 + 18n$  
D $15n + 18$

4. Which equation has the greatest solution? (Lesson 8.6)

A $\frac{x}{3} = 15$  
B $3x = 15$  
C $\frac{1}{3}x = 3$  
D $15x = 3$

6. Which of the following equations represents the relationship in the table? (Lesson 9.2)

<table>
<thead>
<tr>
<th>$x$</th>
<th>8</th>
<th>10</th>
<th>12</th>
<th>14</th>
</tr>
</thead>
<tbody>
<tr>
<td>$y$</td>
<td>4</td>
<td>5</td>
<td>6</td>
<td>7</td>
</tr>
</tbody>
</table>

A $y = x - 4$  
B $x = y - 4$  
C $y = \frac{x}{2}$  
D $x = \frac{y}{2}$