Determine which statement or statements are true. If none write 'none'.

<table>
<thead>
<tr>
<th></th>
<th>A. For every 5 green apples there are 4 red apples</th>
<th>B. For every 4 red apples there are 5 green apples</th>
<th>C. The ratio of red apples to green apples is 4:5</th>
<th>D. The ratio of green apples to red apples is 5:4</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>green apples = 5, red apples = 4</td>
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<tr>
<td></td>
<td>A. The ratio of sit-ups done to pushups done is 2:3</td>
<td>B. The ratio of pushups done to sit-ups done is 3:2</td>
<td>C. The ratio of sit-ups done to pushups done is 3:2</td>
<td>D. For every 2 sit-ups done there were 3 pushups done</td>
</tr>
<tr>
<td>2</td>
<td>pushups = 3, sit-ups = 2</td>
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</tr>
<tr>
<td></td>
<td>A. The ratio of bird houses built to nails used was 3:4</td>
<td>B. The ratio of nails used to bird houses built was 4:3</td>
<td>C. For every 3 bird houses built there were 4 nails used</td>
<td>D. For every 4 bird houses built there were 3 nails used</td>
</tr>
<tr>
<td>3</td>
<td>nails used = 4, bird houses built = 3</td>
<td></td>
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</tr>
<tr>
<td></td>
<td>A. For every 5 girls there are 9 boys</td>
<td>B. The ratio of girls to boys is 9:5</td>
<td>C. For every 5 boys there are 9 girls</td>
<td>D. The ratio of boys to girls is 9:5</td>
</tr>
<tr>
<td>4</td>
<td>boys = 9, girls = 5</td>
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</tr>
<tr>
<td></td>
<td>A. The ratio of large popcorns to small popcorns sold is 3:8</td>
<td>B. The ratio of small popcorns to large popcorns sold is 3:8</td>
<td>C. For every 3 small popcorns sold there are 8 large popcorns sold</td>
<td>D. For every 8 small popcorns sold there are 3 large popcorns sold</td>
</tr>
<tr>
<td>5</td>
<td>large popcorns = 3, small popcorns = 8</td>
<td></td>
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</tr>
<tr>
<td></td>
<td>A. For every 7 diet sodas sold there are 2 regular sodas sold</td>
<td>B. The ratio of regular sodas to diet sodas sold is 2:7</td>
<td>C. The ratio of diet sodas to regular sodas sold is 7:2</td>
<td>D. For every 2 diet sodas sold there are 7 regular sodas sold</td>
</tr>
<tr>
<td>6</td>
<td>diet sodas = 2, regular sodas = 7</td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>
Identifying True and False Ratio Statements

Determine which statement or statements are true. If none write 'none'.

1) green apples = 5, red apples = 4
   A. For every 5 green apples there are 4 red apples
   B. For every 4 red apples there are 5 green apples
   C. The ratio of red apples to green apples is 4:5
   D. The ratio of green apples to red apples is 5:4

2) pushups = 3, sit-ups = 2
   A. The ratio of sit-ups done to pushups done is 2:3
   B. The ratio of pushups done to sit-ups done is 3:2
   C. The ratio of sit-ups done to pushups done is 3:2
   D. For every 2 sit-ups done there were 3 pushups done

3) nails used = 4, bird houses built = 3
   A. The ratio of bird houses built to nails used was 3:4
   B. The ratio of nails used to bird houses built was 4:3
   C. For every 3 bird houses built there were 4 nails used
   D. For every 4 bird houses built there were 3 nails used

4) boys = 9, girls = 5
   A. For every 5 girls there are 9 boys
   B. The ratio of girls to boys is 9:5
   C. For every 5 boys there are 9 girls
   D. The ratio of boys to girls is 9:5

5) large popcorons = 3, small popcorons = 8
   A. The ratio of large popcorons to small popcorons sold is 3:8
   B. The ratio of small popcorons to large popcorons sold is 3:8
   C. For every 3 small popcorons sold there are 8 large popcorons sold
   D. For every 8 small popcorons sold there are 3 large popcorons sold

6) diet sodas = 2, regular sodas = 7
   A. For every 7 diet sodas sold there are 2 regular sodas sold
   B. The ratio of regular sodas to diet sodas sold is 2:7
   C. The ratio of diet sodas to regular sodas sold is 7:2
   D. For every 2 diet sodas sold there are 7 regular sodas sold