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

1) diet sodas = 2, regular sodas = 9
   A. The ratio of diet sodas to regular sodas sold is 2:9
   B. The ratio of diet sodas to regular sodas sold is 9:2
   C. For every 2 diet sodas sold there are 9 regular sodas sold
   D. The ratio of regular sodas to diet sodas sold is 9:2

2) large popcorons = 6, small popcorons = 9
   A. The ratio of large popcorons to small popcorons sold is 9:6
   B. For every 6 large popcorons sold there are 9 small popcorons sold
   C. For every 6 small popcorons sold there are 9 large popcorons sold
   D. The ratio of small popcorons to large popcorons sold is 9:6

3) nails used = 6, bird houses built = 2
   A. The ratio of bird houses built to nails used was 2:6
   B. For every 6 nails used there were 2 bird houses built
   C. The ratio of nails used to bird houses built was 6:2
   D. For every 2 bird houses built there were 6 nails used

4) pushups = 4, sit-ups = 5
   A. For every 5 sit-ups done there were 4 pushups done
   B. The ratio of pushups done to sit-ups done is 5:4
   C. The ratio of sit-ups done to pushups done is 5:4
   D. The ratio of pushups done to sit-ups done is 4:5

5) texts sent = 8, calls made = 5
   A. The ratio of texts sent to calls made was 8:5
   B. The ratio of texts sent to calls made was 5:8
   C. For every 5 texts sent there were 8 calls made
   D. For every 8 calls made there were 5 texts sent

6) cats = 2, dogs = 8
   A. For every 8 cats there are 2 dogs
   B. The ratio of cats to dogs is 2:8
   C. The ratio of dogs to cats is 8:2
   D. The ratio of cats to dogs is 8:2
### Determine which statement or statements are true. If none write 'none'.

1) **diet sodas = 2 , regular sodas = 9**
   - A. The ratio of diet sodas to regular sodas sold is 2:9
   - B. The ratio of diet sodas to regular sodas sold is 9:2
   - C. For every 2 diet sodas sold there are 9 regular sodas sold
   - D. The ratio of regular sodas to diet sodas sold is 9:2

2) **large popcorns = 6 , small popcorns = 9**
   - A. The ratio of large popcorns to small popcorns sold is 9:6
   - B. For every 6 large popcorns sold there are 9 small popcorns sold
   - C. For every 6 small popcorns sold there are 9 large popcorns sold
   - D. The ratio of small popcorns to large popcorns sold is 9:6

3) **nails used = 6 , bird houses built = 2**
   - A. The ratio of bird houses built to nails used was 2:6
   - B. For every 6 nails used there were 2 bird houses built
   - C. The ratio of nails used to bird houses built was 6:2
   - D. For every 2 bird houses built there were 6 nails used

4) **pushups = 4 , sit-ups = 5**
   - A. For every 5 sit-ups done there were 4 pushups done
   - B. The ratio of pushups done to sit-ups done is 5:4
   - C. The ratio of sit-ups done to pushups done is 5:4
   - D. The ratio of pushups done to sit-ups done is 4:5

5) **texts sent = 8 , calls made = 5**
   - A. The ratio of texts sent to calls made was 8:5
   - B. The ratio of texts sent to calls made was 5:8
   - C. For every 5 texts sent there were 8 calls made
   - D. For every 8 calls made there were 5 texts sent

6) **cats = 2 , dogs = 8**
   - A. For every 8 cats there are 2 dogs
   - B. The ratio of cats to dogs is 2:8
   - C. The ratio of dogs to cats is 8:2
   - D. The ratio of cats to dogs is 8:2

### Answers

1. **A,C,D**
2. **B,D**
3. **A,B,C,D**
4. **A,C,D**
5. **A**
6. **B,C**
Determine which statement or statements are true. If none write 'none'.

1) large popcorns = 3, small popcorns = 2
   A. The ratio of small popcorns to large popcorns sold is 2:3
   B. The ratio of large popcorns to small popcorns sold is 3:2
   C. For every 3 large popcorns sold there are 2 small popcorns sold
   D. For every 2 small popcorns sold there are 3 large popcorns sold

2) boys = 2, girls = 5
   A. For every 5 girls there are 2 boys
   B. The ratio of boys to girls is 5:2
   C. For every 2 boys there are 5 girls
   D. For every 5 boys there are 2 girls

3) green apples = 7, red apples = 3
   A. The ratio of green apples to red apples is 3:7
   B. The ratio of green apples to red apples is 7:3
   C. The ratio of red apples to green apples is 3:7
   D. For every 7 red apples there are 3 green apples

4) diet sodas = 5, regular sodas = 8
   A. For every 5 regular sodas sold there are 8 diet sodas sold
   B. The ratio of regular sodas to diet sodas sold is 5:8
   C. The ratio of diet sodas to regular sodas sold is 8:5
   D. The ratio of regular sodas to diet sodas sold is 8:5

5) cats = 4, dogs = 7
   A. For every 4 dogs there are 7 cats
   B. For every 7 cats there are 4 dogs
   C. For every 4 cats there are 7 dogs
   D. For every 7 dogs there are 4 cats

6) pushups = 4, sit-ups = 9
   A. For every 9 pushups done there were 4 sit-ups done
   B. The ratio of pushups done to sit-ups done is 4:9
   C. The ratio of sit-ups done to pushups done is 4:9
   D. For every 4 pushups done there were 9 sit-ups done
Determine which statement or statements are true. If none write 'none'.

1) large popcorns = 3, small popcorns = 2
   A. The ratio of small popcorns to large popcorns sold is 2:3
   B. The ratio of large popcorns to small popcorns sold is 3:2
   C. For every 3 large popcorns sold there are 2 small popcorns sold
   D. For every 2 small popcorns sold there are 3 large popcorns sold

2) boys = 2, girls = 5
   A. For every 5 girls there are 2 boys
   B. The ratio of boys to girls is 5:2
   C. For every 2 boys there are 5 girls
   D. For every 5 boys there are 2 girls

3) green apples = 7, red apples = 3
   A. The ratio of green apples to red apples is 3:7
   B. The ratio of green apples to red apples is 7:3
   C. The ratio of red apples to green apples is 3:7
   D. For every 7 red apples there are 3 green apples

4) diet sodas = 5, regular sodas = 8
   A. For every 5 regular sodas sold there are 8 diet sodas sold
   B. The ratio of regular sodas to diet sodas sold is 5:8
   C. The ratio of diet sodas to regular sodas sold is 8:5
   D. The ratio of regular sodas to diet sodas sold is 8:5

5) cats = 4, dogs = 7
   A. For every 4 dogs there are 7 cats
   B. For every 7 cats there are 4 dogs
   C. For every 4 cats there are 7 dogs
   D. For every 7 dogs there are 4 cats

6) pushups = 4, sit-ups = 9
   A. For every 9 pushups done there were 4 sit-ups done
   B. The ratio of pushups done to sit-ups done is 4:9
   C. The ratio of sit-ups done to pushups done is 4:9
   D. For every 4 pushups done there were 9 sit-ups done

Answers
1. A,B,C,D
2. A,C
3. B,C
4. D
5. C,D
6. B,D
Determine which statement or statements are true. If none write 'none'.

1) pushups = 4, sit-ups = 7
   A. The ratio of sit-ups done to pushups done is 4:7
   B. The ratio of pushups done to sit-ups done is 4:7
   C. For every 4 pushups done there were 7 sit-ups done
   D. The ratio of pushups done to sit-ups done is 7:4

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

3) cats = 3, dogs = 5
   A. For every 5 dogs there are 3 cats
   B. The ratio of dogs to cats is 5:3
   C. For every 3 dogs there are 5 cats
   D. For every 5 cats there are 3 dogs

4) diet sodas = 6, regular sodas = 9
   A. For every 9 regular sodas sold there are 6 diet sodas sold
   B. The ratio of diet sodas to regular sodas sold is 9:6
   C. For every 6 regular sodas sold there are 9 diet sodas sold
   D. The ratio of diet sodas to regular sodas sold is 6:9

5) boys = 8, girls = 6
   A. For every 8 boys there are 6 girls
   B. The ratio of boys to girls is 6:8
   C. The ratio of girls to boys is 8:6
   D. For every 8 girls there are 6 boys

6) green apples = 8, red apples = 2
   A. The ratio of green apples to red apples is 8:2
   B. For every 8 red apples there are 2 green apples
   C. The ratio of red apples to green apples is 8:2
   D. The ratio of green apples to red apples is 2:8
Determine which statement or statements are true. If none write 'none'.

1) pushups = 4 , sit-ups = 7
   A. The ratio of sit-ups done to pushups done is 4:7
   B. The ratio of pushups done to sit-ups done is 4:7
   C. For every 4 pushups done there were 7 sit-ups done
   D. The ratio of pushups done to sit-ups done is 7:4

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

3) cats = 3 , dogs = 5
   A. For every 5 dogs there are 3 cats
   B. The ratio of dogs to cats is 5:3
   C. For every 3 dogs there are 5 cats
   D. For every 5 cats there are 3 dogs

4) diet sodas = 6 , regular sodas = 9
   A. For every 9 regular sodas sold there are 6 diet sodas sold
   B. The ratio of diet sodas to regular sodas sold is 9:6
   C. For every 6 regular sodas sold there are 9 diet sodas sold
   D. The ratio of diet sodas to regular sodas sold is 6:9

5) boys = 8 , girls = 6
   A. For every 8 boys there are 6 girls
   B. The ratio of boys to girls is 6:8
   C. The ratio of girls to boys is 8:6
   D. For every 8 girls there are 6 boys

6) green apples = 8 , red apples = 2
   A. The ratio of green apples to red apples is 8:2
   B. For every 8 red apples there are 2 green apples
   C. The ratio of red apples to green apples is 8:2
   D. The ratio of green apples to red apples is 2:8

Answers

1. B,C
2. A
3. A,B
4. A,D
5. A
6. A
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
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

Answers
1. A,B,C,D
2. A,B,D
3. A,B,C
4. A,D
5. A,D
6. D
Determine which statement or statements are true. If none write 'none'.

1) diet sodas = 3, regular sodas = 7
   A. For every 3 regular sodas sold there are 7 diet sodas sold
   B. The ratio of diet sodas to regular sodas sold is 7:3
   C. The ratio of regular sodas to diet sodas sold is 7:3
   D. For every 7 diet sodas sold there are 3 regular sodas sold

2) texts sent = 2, calls made = 6
   A. For every 6 calls made there were 2 texts sent
   B. The ratio of texts sent to calls made was 6:2
   C. For every 2 texts sent there were 6 calls made
   D. The ratio of texts sent to calls made was 2:6

3) nails used = 8, bird houses built = 4
   A. For every 8 bird houses built there were 4 nails used
   B. The ratio of nails used to bird houses built was 4:8
   C. The ratio of bird houses built to nails used was 8:4
   D. For every 4 bird houses built there were 8 nails used

4) green apples = 6, red apples = 9
   A. The ratio of red apples to green apples is 6:9
   B. For every 6 red apples there are 9 green apples
   C. The ratio of green apples to red apples is 9:6
   D. For every 9 red apples there are 6 green apples

5) boys = 3, girls = 4
   A. The ratio of girls to boys is 3:4
   B. For every 4 boys there are 3 girls
   C. For every 4 girls there are 3 boys
   D. The ratio of boys to girls is 4:3

6) pushups = 6, sit-ups = 5
   A. For every 5 sit-ups done there were 6 pushups done
   B. For every 6 sit-ups done there were 5 pushups done
   C. The ratio of sit-ups done to pushups done is 6:5
   D. The ratio of pushups done to sit-ups done is 5:6
Determine which statement or statements are true. If none write 'none'.

1) diet sodas = 3, regular sodas = 7
   A. For every 3 regular sodas sold there are 7 diet sodas sold
   B. The ratio of diet sodas to regular sodas sold is 7:3
   C. The ratio of regular sodas to diet sodas sold is 7:3
   D. For every 7 diet sodas sold there are 3 regular sodas sold

2) texts sent = 2, calls made = 6
   A. For every 6 calls made there were 2 texts sent
   B. The ratio of texts sent to calls made was 6:2
   C. For every 2 texts sent there were 6 calls made
   D. The ratio of texts sent to calls made was 2:6

3) nails used = 8, bird houses built = 4
   A. For every 8 bird houses built there were 4 nails used
   B. The ratio of nails used to bird houses built was 4:8
   C. The ratio of bird houses built to nails used was 8:4
   D. For every 4 bird houses built there were 8 nails used

4) green apples = 6, red apples = 9
   A. The ratio of red apples to green apples is 6:9
   B. For every 6 red apples there are 9 green apples
   C. The ratio of green apples to red apples is 9:6
   D. For every 9 red apples there are 6 green apples

5) boys = 3, girls = 4
   A. The ratio of girls to boys is 3:4
   B. For every 4 boys there are 3 girls
   C. For every 4 girls there are 3 boys
   D. The ratio of boys to girls is 4:3

6) pushups = 6, sit-ups = 5
   A. For every 5 sit-ups done there were 6 pushups done
   B. For every 6 sit-ups done there were 5 pushups done
   C. The ratio of sit-ups done to pushups done is 6:5
   D. The ratio of pushups done to sit-ups done is 5:6

Answers
1. C
2. A,C,D
3. D
4. D
5. C
6. A
Determine which statement or statements are true. If none write 'none'.

1) cats = 5, dogs = 9
   A. The ratio of cats to dogs is 5:9
   B. The ratio of dogs to cats is 9:5
   C. For every 9 cats there are 5 dogs
   D. The ratio of cats to dogs is 9:5

2) nails used = 4, bird houses built = 5
   A. For every 5 bird houses built there were 4 nails used
   B. For every 4 bird houses built there were 5 nails used
   C. For every 5 nails used there were 4 bird houses built
   D. The ratio of bird houses built to nails used was 5:4

3) diet sodas = 7, regular sodas = 8
   A. The ratio of regular sodas to diet sodas sold is 8:7
   B. The ratio of diet sodas to regular sodas sold is 7:8
   C. For every 8 diet sodas sold there are 7 regular sodas sold
   D. The ratio of regular sodas to diet sodas sold is 7:8

4) green apples = 5, red apples = 7
   A. The ratio of green apples to red apples is 7:5
   B. For every 5 green apples there are 7 red apples
   C. For every 7 green apples there are 5 red apples
   D. The ratio of green apples to red apples is 5:7

5) texts sent = 9, calls made = 3
   A. For every 9 calls made there were 3 texts sent
   B. For every 9 texts sent there were 3 calls made
   C. The ratio of texts sent to calls made was 3:9
   D. The ratio of calls made to texts sent was 9:3

6) large popcor ns = 4, small popcor ns = 9
   A. For every 4 small popcor ns sold there are 9 large popcor ns sold
   B. The ratio of small popcor ns to large popcor ns sold is 9:4
   C. The ratio of large popcor ns to small popcor ns sold is 4:9
   D. The ratio of large popcor ns to small popcor ns sold is 9:4
Determine which statement or statements are true. If none write 'none'.

1) cats = 5, dogs = 9
   A. The ratio of cats to dogs is 5:9
   B. The ratio of dogs to cats is 9:5
   C. For every 9 cats there are 5 dogs
   D. The ratio of cats to dogs is 9:5

2) nails used = 4, bird houses built = 5
   A. For every 5 bird houses built there were 4 nails used
   B. For every 4 bird houses built there were 5 nails used
   C. For every 5 nails used there were 4 bird houses built
   D. The ratio of bird houses built to nails used was 5:4

3) diet sodas = 7, regular sodas = 8
   A. The ratio of regular sodas to diet sodas sold is 8:7
   B. The ratio of diet sodas to regular sodas sold is 7:8
   C. For every 8 diet sodas sold there are 7 regular sodas sold
   D. The ratio of regular sodas to diet sodas sold is 7:8

4) green apples = 5, red apples = 7
   A. The ratio of green apples to red apples is 7:5
   B. For every 5 green apples there are 7 red apples
   C. For every 7 green apples there are 5 red apples
   D. The ratio of green apples to red apples is 5:7

5) texts sent = 9, calls made = 3
   A. For every 9 calls made there were 3 texts sent
   B. For every 9 texts sent there were 3 calls made
   C. The ratio of texts sent to calls made was 3:9
   D. The ratio of calls made to texts sent was 9:3

6) large poprons = 4, small poprons = 9
   A. For every 4 small poprons sold there are 9 large poprons sold
   B. The ratio of small poprons to large poprons sold is 9:4
   C. The ratio of large poprons to small poprons sold is 4:9
   D. The ratio of large poprons to small poprons sold is 9:4

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<td>2) nails : bird houses</td>
<td>A</td>
<td>B</td>
<td>A</td>
<td>B, D</td>
<td>B</td>
<td>B, C</td>
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</tbody>
</table>
Determine which statement or statements are true. If none write 'none'.

1) texts sent = 2, calls made = 6
   A. For every 6 texts sent there were 2 calls made
   B. For every 6 calls made there were 2 texts sent
   C. The ratio of calls made to texts sent was 2:6
   D. The ratio of texts sent to calls made was 6:2

2) nails used = 5, bird houses built = 9
   A. The ratio of bird houses built to nails used was 5:9
   B. For every 5 bird houses built there were 9 nails used
   C. The ratio of bird houses built to nails used was 9:5
   D. For every 9 bird houses built there were 5 nails used

3) cats = 2, dogs = 7
   A. For every 7 dogs there are 2 cats
   B. The ratio of dogs to cats is 2:7
   C. For every 2 dogs there are 7 cats
   D. The ratio of cats to dogs is 7:2

4) large popcorons = 4, small popcorons = 5
   A. For every 5 small popcorons sold there are 4 large popcorons sold
   B. The ratio of small popcorons to large popcorons sold is 4:5
   C. For every 4 small popcorons sold there are 5 large popcorons sold
   D. The ratio of small popcorons to large popcorons sold is 5:4

5) pushups = 6, sit-ups = 9
   A. For every 9 pushups done there were 6 sit-ups done
   B. The ratio of pushups done to sit-ups done is 6:9
   C. For every 6 pushups done there were 9 sit-ups done
   D. The ratio of sit-ups done to pushups done is 6:9

6) green apples = 6, red apples = 7
   A. The ratio of red apples to green apples is 6:7
   B. The ratio of red apples to green apples is 7:6
   C. For every 7 green apples there are 6 red apples
   D. The ratio of green apples to red apples is 6:7

Answers:

1. ________
2. ________
3. ________
4. ________
5. ________
6. ________
Determine which statement or statements are true. If none write 'none'.

1) texts sent = 2, calls made = 6
   A. For every 6 texts sent there were 2 calls made
   B. For every 6 calls made there were 2 texts sent
   C. The ratio of calls made to texts sent was 2:6
   D. The ratio of texts sent to calls made was 6:2

2) nails used = 5, bird houses built = 9
   A. The ratio of bird houses built to nails used was 5:9
   B. For every 5 bird houses built there were 9 nails used
   C. The ratio of bird houses built to nails used was 9:5
   D. For every 9 bird houses built there were 5 nails used

3) cats = 2, dogs = 7
   A. For every 7 dogs there are 2 cats
   B. The ratio of dogs to cats is 2:7
   C. For every 2 dogs there are 7 cats
   D. The ratio of cats to dogs is 7:2

4) large popcorns = 4, small popcorns = 5
   A. For every 5 small popcorns sold there are 4 large popcorns sold
   B. The ratio of small popcorns to large popcorns sold is 4:5
   C. For every 4 small popcorns sold there are 5 large popcorns sold
   D. The ratio of small popcorns to large popcorns sold is 5:4

5) pushups = 6, sit-ups = 9
   A. For every 9 pushups done there were 6 sit-ups done
   B. The ratio of pushups done to sit-ups done is 6:9
   C. For every 6 pushups done there were 9 sit-ups done
   D. The ratio of sit-ups done to pushups done is 6:9

6) green apples = 6, red apples = 7
   A. The ratio of red apples to green apples is 6:7
   B. The ratio of red apples to green apples is 7:6
   C. For every 7 green apples there are 6 red apples
   D. The ratio of green apples to red apples is 6:7

Answers:
1. B
2. C,D
3. A
4. A,D
5. B,C
6. B,D
Determine which statement or statements are true. If none write 'none'.

1) nails used = 4, bird houses built = 8
   A. For every 8 bird houses built there were 4 nails used
   B. The ratio of nails used to bird houses built was 8:4
   C. For every 8 nails used there were 4 bird houses built
   D. The ratio of bird houses built to nails used was 4:8

2) texts sent = 2, calls made = 8
   A. For every 8 calls made there were 2 texts sent
   B. For every 2 texts sent there were 8 calls made
   C. For every 2 calls made there were 8 texts sent
   D. The ratio of calls made to texts sent was 2:8

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

4) cats = 9, dogs = 8
   A. The ratio of dogs to cats is 9:8
   B. The ratio of cats to dogs is 9:8
   C. For every 9 cats there are 8 dogs
   D. For every 8 dogs there are 9 cats

5) green apples = 5, red apples = 6
   A. For every 5 red apples there are 6 green apples
   B. The ratio of red apples to green apples is 6:5
   C. For every 6 red apples there are 5 green apples
   D. The ratio of red apples to green apples is 5:6

6) boys = 8, girls = 7
   A. The ratio of boys to girls is 8:7
   B. For every 7 girls there are 8 boys
   C. For every 7 boys there are 8 girls
   D. For every 8 girls there are 7 boys
Determine which statement or statements are true. If none write 'none'.

1) nails used = 4 , bird houses built = 8
   A. For every 8 bird houses built there were 4 nails used
   B. The ratio of nails used to bird houses built was 8:4
   C. For every 8 nails used there were 4 bird houses built
   D. The ratio of bird houses built to nails used was 4:8

2) texts sent = 2 , calls made = 8
   A. For every 8 calls made there were 2 texts sent
   B. For every 2 texts sent there were 8 calls made
   C. For every 2 calls made there were 8 texts sent
   D. The ratio of calls made to texts sent was 2:8

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

4) cats = 9 , dogs = 8
   A. The ratio of dogs to cats is 9:8
   B. The ratio of cats to dogs is 9:8
   C. For every 9 cats there are 8 dogs
   D. For every 8 dogs there are 9 cats

5) green apples = 5 , red apples = 6
   A. For every 5 red apples there are 6 green apples
   B. The ratio of red apples to green apples is 6:5
   C. For every 6 red apples there are 5 green apples
   D. The ratio of red apples to green apples is 5:6

6) boys = 8 , girls = 7
   A. The ratio of boys to girls is 8:7
   B. For every 7 girls there are 8 boys
   C. For every 7 boys there are 8 girls
   D. For every 8 girls there are 7 boys
### Identify True and False Ratio Statements

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

1) green apples = 6, red apples = 9
   - A. For every 6 green apples there are 9 red apples
   - B. The ratio of red apples to green apples is 6:9
   - C. For every 9 red apples there are 6 green apples
   - D. The ratio of red apples to green apples is 9:6

2) texts sent = 7, calls made = 4
   - A. For every 4 calls made there were 7 texts sent
   - B. For every 4 texts sent there were 7 calls made
   - C. The ratio of texts sent to calls made was 7:4
   - D. For every 7 texts sent there were 4 calls made

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

4) nails used = 2, bird houses built = 8
   - A. For every 8 nails used there were 2 bird houses built
   - B. The ratio of bird houses built to nails used was 2:8
   - C. The ratio of nails used to bird houses built was 2:8
   - D. For every 2 bird houses built there were 8 nails used

5) large popcorons = 8, small popcorons = 6
   - A. For every 6 large popcorons sold there are 8 small popcorons sold
   - B. For every 8 large popcorons sold there are 6 small popcorons sold
   - C. The ratio of small popcorons to large popcorons sold is 6:8
   - D. The ratio of small popcorons to large popcorons sold is 8:6

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

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Identifying True and False Ratio Statements

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

1) green apples = 6, red apples = 9
   A. For every 6 green apples there are 9 red apples
   B. The ratio of red apples to green apples is 6:9
   C. For every 9 red apples there are 6 green apples
   D. The ratio of red apples to green apples is 9:6

2) texts sent = 7, calls made = 4
   A. For every 4 calls made there were 7 texts sent
   B. For every 4 texts sent there were 7 calls made
   C. The ratio of texts sent to calls made was 7:4
   D. For every 7 texts sent there were 4 calls made

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

4) nails used = 2, bird houses built = 8
   A. For every 8 nails used there were 2 bird houses built
   B. The ratio of bird houses built to nails used was 2:8
   C. The ratio of nails used to bird houses built was 2:8
   D. For every 2 bird houses built there were 8 nails used

5) large popcorns = 8, small popcorns = 6
   A. For every 6 large popcorns sold there are 8 small popcorns sold
   B. For every 8 large popcorns sold there are 6 small popcorns sold
   C. The ratio of small popcorns to large popcorns sold is 6:8
   D. The ratio of small popcorns to large popcorns sold is 8:6

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

Answers
1. A,C,D
2. A,C,D
3. B,D
4. C
5. B,C
6. B,D
Determine which statement or statements are true. If none write 'none'.

1) nails used = 4, bird houses built = 7
   A. For every 4 bird houses built there were 7 nails used
   B. For every 7 bird houses built there were 4 nails used
   C. The ratio of bird houses built to nails used was 4:7
   D. The ratio of nails used to bird houses built was 4:7

2) boys = 8, girls = 3
   A. For every 3 girls there are 8 boys
   B. For every 3 boys there are 8 girls
   C. The ratio of boys to girls is 3:8
   D. The ratio of boys to girls is 8:3

3) cats = 2, dogs = 6
   A. For every 6 cats there are 2 dogs
   B. The ratio of cats to dogs is 2:6
   C. For every 2 cats there are 6 dogs
   D. The ratio of dogs to cats is 2:6

4) texts sent = 7, calls made = 4
   A. The ratio of calls made to texts sent was 7:4
   B. For every 4 texts sent there were 7 calls made
   C. For every 7 texts sent there were 4 calls made
   D. The ratio of texts sent to calls made was 7:4

5) large popcorons = 7, small popcorns = 3
   A. The ratio of large popcorons to small popcorns sold is 7:3
   B. For every 7 large popcorns sold there are 3 small popcorns sold
   C. For every 3 small popcorns sold there are 7 large popcorns sold
   D. The ratio of small popcorns to large popcorns sold is 3:7

6) diet sodas = 8, regular sodas = 9
   A. The ratio of diet sodas to regular sodas sold is 8:9
   B. For every 8 regular sodas sold there are 9 diet sodas sold
   C. For every 8 diet sodas sold there are 9 regular sodas sold
   D. For every 9 diet sodas sold there are 8 regular sodas sold
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<td><strong>Answer Key</strong></td>
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<td>Determine which statement or statements are true. If none write 'none'.</td>
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<td>1) nails used = 4, bird houses built = 7</td>
<td>A. For every 4 bird houses built there were 7 nails used</td>
<td>B. For every 7 bird houses built there were 4 nails used</td>
<td>C. The ratio of bird houses built to nails used was 4:7</td>
<td>D. The ratio of nails used to bird houses built was 4:7</td>
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<td>2) boys = 8, girls = 3</td>
<td>A. For every 3 girls there are 8 boys</td>
<td>B. For every 3 boys there are 8 girls</td>
<td>C. The ratio of boys to girls is 3:8</td>
<td>D. The ratio of boys to girls is 8:3</td>
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<tr>
<td>3) cats = 2, dogs = 6</td>
<td>A. For every 6 cats there are 2 dogs</td>
<td>B. The ratio of cats to dogs is 2:6</td>
<td>C. For every 2 cats there are 6 dogs</td>
<td>D. The ratio of dogs to cats is 2:6</td>
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<tr>
<td>4) texts sent = 7, calls made = 4</td>
<td>A. The ratio of calls made to texts sent was 7:4</td>
<td>B. For every 4 texts sent there were 7 calls made</td>
<td>C. For every 7 texts sent there were 4 calls made</td>
<td>D. The ratio of texts sent to calls made was 7:4</td>
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<td>5) large popcorons = 7, small popcorons = 3</td>
<td>A. The ratio of large popcorons to small popcorons sold is 7:3</td>
<td>B. For every 7 large popcorons sold there are 3 small popcorons sold</td>
<td>C. For every 3 small popcorons sold there are 7 large popcorons sold</td>
<td>D. The ratio of small popcorons to large popcorons sold is 3:7</td>
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<td>6) diet sodas = 8, regular sodas = 9</td>
<td>A. The ratio of diet sodas to regular sodas sold is 8:9</td>
<td>B. For every 8 regular sodas sold there are 9 diet sodas sold</td>
<td>C. For every 8 diet sodas sold there are 9 regular sodas sold</td>
<td>D. For every 9 diet sodas sold there are 8 regular sodas sold</td>
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