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

Answers:

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

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   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

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   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
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   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

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   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

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**Answers**

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