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

Answers

1. ___________
2. ___________
3. ___________
4. ___________
5. ___________
6. ___________
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
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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
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5) texts sent = 9, calls made = 3
   A. For every 9 calls made there were 3 texts sent
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6) large popcorons = 4, small popcorons = 9
   A. For every 4 small popcorons sold there are 9 large popcorons sold
   B. The ratio of small popcorons to large popcorons sold is 9:4
   C. The ratio of large popcorons to small popcorons sold is 4:9
   D. The ratio of large popcorons to small popcorons sold is 9:4

**Answers**

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