

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

- 1) diet sodas = 3 , regular sodas = 8
- A. For every 3 diet sodas sold there are 8 regular sodas sold
 - B. The ratio of regular sodas to diet sodas sold is 8:3
 - C. The ratio of diet sodas to regular sodas sold is 3:8
 - D. The ratio of diet sodas to regular sodas sold is 8:3
- 2) green apples = 8 , red apples = 9
- A. For every 9 green apples there are 8 red apples
 - B. For every 8 green apples there are 9 red apples
 - C. The ratio of green apples to red apples is 8:9
 - D. For every 9 red apples there are 8 green apples
- 3) texts sent = 5 , calls made = 4
- A. The ratio of texts sent to calls made was 5:4
 - B. For every 4 texts sent there were 5 calls made
 - C. For every 5 texts sent there were 4 calls made
 - D. For every 4 calls made there were 5 texts sent
- 4) nails used = 3 , bird houses built = 8
- A. For every 3 bird houses built there were 8 nails used
 - B. The ratio of nails used to bird houses built was 3:8
 - C. The ratio of bird houses built to nails used was 3:8
 - D. For every 8 nails used there were 3 bird houses built
- 5) cats = 6 , dogs = 9
- A. The ratio of dogs to cats is 6:9
 - B. For every 6 dogs there are 9 cats
 - C. For every 9 cats there are 6 dogs
 - D. The ratio of cats to dogs is 6:9
- 6) pushups = 5 , sit-ups = 7
- A. The ratio of sit-ups done to pushups done is 5:7
 - B. The ratio of pushups done to sit-ups done is 5:7
 - C. For every 7 pushups done there were 5 sit-ups done
 - D. For every 5 pushups done there were 7 sit-ups done

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

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 - C. For every 5 texts sent there were 4 calls made
 - D. For every 4 calls made there were 5 texts sent
- 4) nails used = 3 , bird houses built = 8
- A. For every 3 bird houses built there were 8 nails used
 - B. The ratio of nails used to bird houses built was 3:8
 - C. The ratio of bird houses built to nails used was 3:8
 - D. For every 8 nails used there were 3 bird houses built
- 5) cats = 6 , dogs = 9
- A. The ratio of dogs to cats is 6:9
 - B. For every 6 dogs there are 9 cats
 - C. For every 9 cats there are 6 dogs
 - D. The ratio of cats to dogs is 6:9
- 6) pushups = 5 , sit-ups = 7
- A. The ratio of sit-ups done to pushups done is 5:7
 - B. The ratio of pushups done to sit-ups done is 5:7
 - C. For every 7 pushups done there were 5 sit-ups done
 - D. For every 5 pushups done there were 7 sit-ups done

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