

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

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

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_

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