

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

- 1) cats = 2 , dogs = 6
- A. The ratio of dogs to cats is 2:6
 - B. For every 6 dogs there are 2 cats
 - C. The ratio of dogs to cats is 6:2
 - D. The ratio of cats to dogs is 2:6
- 2) pushups = 6 , sit-ups = 2
- A. For every 6 pushups done there were 2 sit-ups done
 - B. The ratio of sit-ups done to pushups done is 2:6
 - C. The ratio of pushups done to sit-ups done is 6:2
 - D. The ratio of pushups done to sit-ups done is 2:6
- 3) large popcorns = 6 , small popcorns = 5
- A. For every 6 small popcorns sold there are 5 large popcorns sold
 - B. The ratio of small popcorns to large popcorns sold is 6:5
 - C. For every 5 small popcorns sold there are 6 large popcorns sold
 - D. For every 5 large popcorns sold there are 6 small popcorns sold
- 4) boys = 3 , girls = 5
- A. The ratio of boys to girls is 5:3
 - B. The ratio of girls to boys is 3:5
 - C. For every 3 girls there are 5 boys
 - D. For every 3 boys there are 5 girls
- 5) nails used = 6 , bird houses built = 9
- A. For every 9 bird houses built there were 6 nails used
 - B. For every 6 nails used there were 9 bird houses built
 - C. The ratio of nails used to bird houses built was 6:9
 - D. The ratio of nails used to bird houses built was 9:6
- 6) diet sodas = 5 , regular sodas = 3
- A. For every 3 diet sodas sold there are 5 regular sodas sold
 - B. The ratio of diet sodas to regular sodas sold is 3:5
 - C. The ratio of regular sodas to diet sodas sold is 3:5
 - D. The ratio of regular sodas to diet sodas sold is 5:3

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

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1) cats = 2 , dogs = 6

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

1. **B,C,D**

2) pushups = 6 , sit-ups = 2

- A. For every 6 pushups done there were 2 sit-ups done
- B. The ratio of sit-ups done to pushups done is 2:6
- C. The ratio of pushups done to sit-ups done is 6:2
- D. The ratio of pushups done to sit-ups done is 2:6

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

3) large popcorns = 6 , small popcorns = 5

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

4) boys = 3 , girls = 5

- A. The ratio of boys to girls is 5:3
- B. The ratio of girls to boys is 3:5
- C. For every 3 girls there are 5 boys
- D. For every 3 boys there are 5 girls

5) nails used = 6 , bird houses built = 9

- A. For every 9 bird houses built there were 6 nails used
- B. For every 6 nails used there were 9 bird houses built
- C. The ratio of nails used to bird houses built was 6:9
- D. The ratio of nails used to bird houses built was 9:6

6) diet sodas = 5 , regular sodas = 3

- A. For every 3 diet sodas sold there are 5 regular sodas sold
- B. The ratio of diet sodas to regular sodas sold is 3:5
- C. The ratio of regular sodas to diet sodas sold is 3:5
- D. The ratio of regular sodas to diet sodas sold is 5:3