

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

1) cats = 4 , dogs = 9

A. For every 4 dogs there are 9 cats

B. For every 9 dogs there are 4 cats

C. The ratio of dogs to cats is 4:9

D. The ratio of cats to dogs is 9:4

1. _____

2. _____

3. _____

2) boys = 9 , girls = 7

A. The ratio of girls to boys is 9:7

B. The ratio of girls to boys is 7:9

C. For every 9 girls there are 7 boys

D. The ratio of boys to girls is 9:7

4. _____

5. _____

6. _____

3) pushups = 3 , sit-ups = 5

A. For every 5 pushups done there were 3 sit-ups done

B. For every 5 sit-ups done there were 3 pushups done

C. The ratio of sit-ups done to pushups done is 3:5

D. For every 3 pushups done there were 5 sit-ups done

4) diet sodas = 8 , regular sodas = 4

A. The ratio of regular sodas to diet sodas sold is 8:4

B. For every 4 diet sodas sold there are 8 regular sodas sold

C. The ratio of regular sodas to diet sodas sold is 4:8

D. For every 4 regular sodas sold there are 8 diet sodas sold

5) texts sent = 8 , calls made = 3

A. The ratio of texts sent to calls made was 3:8

B. The ratio of calls made to texts sent was 3:8

C. The ratio of calls made to texts sent was 8:3

D. The ratio of texts sent to calls made was 8:3

6) large popcorns = 3 , small popcorns = 5

A. The ratio of small popcorns to large popcorns sold is 5:3

B. The ratio of large popcorns to small popcorns sold is 5:3

C. For every 3 large popcorns sold there are 5 small popcorns sold

D. For every 5 small popcorns sold there are 3 large popcorns sold



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Answers

1) cats = 4 , dogs = 9

- A. For every 4 dogs there are 9 cats
- B. For every 9 dogs there are 4 cats
- C. The ratio of dogs to cats is 4:9
- D. The ratio of cats to dogs is 9:4

1. B

2. B,D

3. B,D

2) boys = 9 , girls = 7

- A. The ratio of girls to boys is 9:7
- B. The ratio of girls to boys is 7:9
- C. For every 9 girls there are 7 boys
- D. The ratio of boys to girls is 9:7

4. C,D

5. B,D

6. A,C,D

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- C. For every 3 large popcorns sold there are 5 small popcorns sold
- D. For every 5 small popcorns sold there are 3 large popcorns sold