Identifying True and False Ratio Statements

Name:

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

1) green apples = 6 , red apples = 9

A. For every 9 red apples there are 6 green apples

B. The ratio of green apples to red apples is 6:9

C. For every 9 green apples there are 6 red apples

D. The ratio of red apples to green apples is 6:9

2) nails used = 9 , bird houses built = 7

A. For every 9 nails used there were 7 bird houses built

B. For every 9 bird houses built there were 7 nails used

C. For every 7 nails used there were 9 bird houses built

D. The ratio of nails used to bird houses built was 9:7

3) pushups = 6 , sit-ups = 7

A. The ratio of pushups done to sit-ups done is 6:7

B. The ratio of sit-ups done to pushups done is 6:7

C. The ratio of pushups done to sit-ups done is 7:6

D. For every 6 sit-ups done there were 7 pushups done

4) texts sent = 4 , calls made = 8

A. The ratio of calls made to texts sent was 4:8

B. The ratio of texts sent to calls made was 8:4

C. For every 4 calls made there were 8 texts sent

D. The ratio of texts sent to calls made was 4:8

5) boys = 5 , girls = 9

A. The ratio of girls to boys is 5:9

B. The ratio of boys to girls is 5:9

C. For every 9 boys there are 5 girls

D. The ratio of girls to boys is 9:5

6) cats = 5 , dogs = 4

A. The ratio of cats to dogs is 5:4

B. For every 4 dogs there are 5 cats

C. The ratio of dogs to cats is 4:5

D. For every 5 cats there are 4 dogs

Answers:
1. ___ 2. ___ 3. ___ 4. ___ 5. ___ 6. ___

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   C. For every 9 green apples there are 6 red apples

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1.   **A,B**

2) nails used = 9 , bird houses built = 7

   A. For every 9 nails used there were 7 bird houses built

   B. For every 9 bird houses built there were 7 nails used

   C. For every 7 nails used there were 9 bird houses built

   D. The ratio of nails used to bird houses built was 9:7

2.   **A,D**

3.   **A**

4.   **D**

3) pushups = 6 , sit-ups = 7

   A. The ratio of pushups done to sit-ups done is 6:7

   B. The ratio of sit-ups done to pushups done is 6:7

   C. The ratio of pushups done to sit-ups done is 7:6

   D. For every 6 sit-ups done there were 7 pushups done

5.   **B,D**

6.   **A,B,C,D**

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   D. For every 5 cats there are 4 dogs