Identifying True and False Ratio Statements   Name: _____

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

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

    A. For every 5 bird houses built there were 9 nails used

    B. For every 9 nails used there were 5 bird houses built

    C. The ratio of nails used to bird houses built was 5:9

    D. The ratio of bird houses built to nails used was 9:5

1. _____

2. _____

3. _____

2) cats = 8 , dogs = 7

    A. For every 7 dogs there are 8 cats

    B. The ratio of cats to dogs is 8:7

    C. For every 7 cats there are 8 dogs

    D. The ratio of cats to dogs is 7:8

4. _____

5. _____

6. _____

3) diet sodas = 3 , regular sodas = 4

    A. For every 3 regular sodas sold there are 4 diet sodas sold

    B. For every 4 diet sodas sold there are 3 regular sodas sold

    C. The ratio of diet sodas to regular sodas sold is 4:3

    D. The ratio of regular sodas to diet sodas sold is 4:3

4) boys = 3 , girls = 2

    A. For every 2 boys there are 3 girls

    B. For every 2 girls there are 3 boys

    C. The ratio of boys to girls is 3:2

    D. For every 3 boys there are 2 girls

5) pushups = 8 , sit-ups = 9

    A. For every 9 sit-ups done there were 8 pushups done

    B. For every 8 pushups done there were 9 sit-ups done

    C. The ratio of sit-ups done to pushups done is 9:8

    D. For every 9 pushups done there were 8 sit-ups done

6) texts sent = 7 , calls made = 2

    A. For every 2 texts sent there were 7 calls made

    B. For every 2 calls made there were 7 texts sent

    C. The ratio of calls made to texts sent was 7:2

    D. For every 7 texts sent there were 2 calls made

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

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

   A. For every 5 bird houses built there were 9 nails used

   B. For every 9 nails used there were 5 bird houses built

   C. The ratio of nails used to bird houses built was 5:9

   D. The ratio of bird houses built to nails used was 9:5

1. **A,B**

2. **A,B**

3. **D**

4. **B,C,D**

5. **A,B,C**

6. **B,D**

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   A. For every 7 dogs there are 8 cats

   B. The ratio of cats to dogs is 8:7

   C. For every 7 cats there are 8 dogs

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5) pushups = 8 , sit-ups = 9

   A. For every 9 sit-ups done there were 8 pushups done

   B. For every 8 pushups done there were 9 sit-ups done

   C. The ratio of sit-ups done to pushups done is 9:8

   D. For every 9 pushups done there were 8 sit-ups done

6) texts sent = 7 , calls made = 2

   A. For every 2 texts sent there were 7 calls made

   B. For every 2 calls made there were 7 texts sent

   C. The ratio of calls made to texts sent was 7:2

   D. For every 7 texts sent there were 2 calls made