



Identifying True and False Ratio Statements

Name:

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

Answers

1) $\text{cats} = 3, \text{dogs} = 7$

- A. For every 7 cats there are 3 dogs
- B. For every 3 dogs there are 7 cats
- C. The ratio of cats to dogs is 3:7
- D. The ratio of dogs to cats is 7:3

2) $\text{large popcorns} = 7, \text{small popcorns} = 6$

- A. The ratio of large popcorns to small popcorns sold is 7:6
- B. The ratio of small popcorns to large popcorns sold is 6:7
- C. For every 6 large popcorns sold there are 7 small popcorns sold
- D. For every 6 small popcorns sold there are 7 large popcorns sold

3) $\text{pushups} = 6, \text{sit-ups} = 2$

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

4) $\text{texts sent} = 7, \text{calls made} = 4$

- A. For every 4 calls made there were 7 texts sent
- B. For every 7 calls made there were 4 texts sent
- C. The ratio of texts sent to calls made was 7:4
- D. For every 7 texts sent there were 4 calls made

5) $\text{diet sodas} = 3, \text{regular sodas} = 6$

- A. For every 6 diet sodas sold there are 3 regular sodas sold
- B. For every 6 regular sodas sold there are 3 diet sodas sold
- C. For every 3 diet sodas sold there are 6 regular sodas sold
- D. The ratio of diet sodas to regular sodas sold is 3:6

6) $\text{nails used} = 3, \text{bird houses built} = 2$

- A. The ratio of nails used to bird houses built was 3:2
- B. The ratio of bird houses built to nails used was 3:2
- C. For every 2 bird houses built there were 3 nails used
- D. For every 3 nails used there were 2 bird houses built

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____



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

1) cats = 3 , dogs = 7

- For every 7 cats there are 3 dogs
- For every 3 dogs there are 7 cats
- The ratio of cats to dogs is 3:7
- The ratio of dogs to cats is 7:3

2) large popcorns = 7 , small popcorns = 6

- The ratio of large popcorns to small popcorns sold is 7:6
- The ratio of small popcorns to large popcorns sold is 6:7
- For every 6 large popcorns sold there are 7 small popcorns sold
- For every 6 small popcorns sold there are 7 large popcorns sold

3) pushups = 6 , sit-ups = 2

- The ratio of sit-ups done to pushups done is 2:6
- The ratio of pushups done to sit-ups done is 6:2
- For every 2 pushups done there were 6 sit-ups done
- The ratio of sit-ups done to pushups done is 6:2

4) texts sent = 7 , calls made = 4

- For every 4 calls made there were 7 texts sent
- For every 7 calls made there were 4 texts sent
- The ratio of texts sent to calls made was 7:4
- For every 7 texts sent there were 4 calls made

5) diet sodas = 3 , regular sodas = 6

- For every 6 diet sodas sold there are 3 regular sodas sold
- For every 6 regular sodas sold there are 3 diet sodas sold
- For every 3 diet sodas sold there are 6 regular sodas sold
- The ratio of diet sodas to regular sodas sold is 3:6

6) nails used = 3 , bird houses built = 2

- The ratio of nails used to bird houses built was 3:2
- The ratio of bird houses built to nails used was 3:2
- For every 2 bird houses built there were 3 nails used
- For every 3 nails used there were 2 bird houses built

Answers1. **C,D**2. **A,B,D**3. **A,B**4. **A,C,D**5. **B,C,D**6. **A,C,D**