Name: _____

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

**1)**  cats = 9 , dogs = 4

   A. For every 9 cats there are 4 dogs

   B. For every 4 cats there are 9 dogs

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

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

1. _____

2. _____

3. _____

**2)**  large popcorns = 8 , small popcorns = 2

   A. For every 2 large popcorns sold there are 8 small popcorns sold

   B. For every 8 large popcorns sold there are 2 small popcorns sold

   C. The ratio of large popcorns to small popcorns sold is 8:2

   D. For every 2 small popcorns sold there are 8 large popcorns sold

4. _____

5. _____

6. _____

**3)**  pushups = 5 , sit-ups = 3

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

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

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

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

**4)**  nails used = 5 , bird houses built = 3

   A. The ratio of nails used to bird houses built was 5:3

   B. For every 3 nails used there were 5 bird houses built

   C. For every 5 nails used there were 3 bird houses built

   D. For every 3 bird houses built there were 5 nails used

**5)**  green apples = 6 , red apples = 7

   A. The ratio of green apples to red apples is 6:7

   B. For every 6 green apples there are 7 red apples

   C. The ratio of red apples to green apples is 6:7

   D. For every 7 green apples there are 6 red apples

**6)**  boys = 8 , girls = 3

   A. The ratio of boys to girls is 8:3

   B. For every 8 boys there are 3 girls

   C. The ratio of boys to girls is 3:8

   D. The ratio of girls to boys is 8:3

1-6 | 83 | 67 | 50 | 33 | 17 | 0

**Math**

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

**Answers**

**1)** cats = 9 , dogs = 4

    A. For every 9 cats there are 4 dogs

    B. For every 4 cats there are 9 dogs

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

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

**2)** large popcorns = 8 , small popcorns = 2

    A. For every 2 large popcorns sold there are 8 small popcorns sold

    B. For every 8 large popcorns sold there are 2 small popcorns sold

    C. The ratio of large popcorns to small popcorns sold is 8:2

    D. For every 2 small popcorns sold there are 8 large popcorns sold

**3)** pushups = 5 , sit-ups = 3

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

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

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

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

**4)** nails used = 5 , bird houses built = 3

    A. The ratio of nails used to bird houses built was 5:3

    B. For every 3 nails used there were 5 bird houses built

    C. For every 5 nails used there were 3 bird houses built

    D. For every 3 bird houses built there were 5 nails used

**5)** green apples = 6 , red apples = 7

    A. The ratio of green apples to red apples is 6:7

    B. For every 6 green apples there are 7 red apples

    C. The ratio of red apples to green apples is 6:7

    D. For every 7 green apples there are 6 red apples

**6)** boys = 8 , girls = 3

    A. The ratio of boys to girls is 8:3

    B. For every 8 boys there are 3 girls

    C. The ratio of boys to girls is 3:8

    D. The ratio of girls to boys is 8:3

| # | Answer |
|---|--------|
| 1. | **A,C** |
| 2. | **B,C,D** |
| 3. | **A,B** |
| 4. | **A,C,D** |
| 5. | **A,B** |
| 6. | **A,B** |

**Math**