1. A kennel has 110 dogs in total, some are puppies and some are adult dogs. The ratio of puppies to adult dogs in a kennel is 1: 4. How many adult dogs are there?

|  |  |  |
| --- | --- | --- |
| Directions: Use the information from the word problem to answer the questions in each box | | |
| Write the Ratio in fraction format. | Show how you will convert the ratio to the unit rate. | Show how the unit rate is used to find the solution. |

1. Zachary has 144 coins. Of the coins, 4/12 are nickels, 7/12 are dimes, and the rest are quarters. How many of each coin does Zachary have?

|  |  |  |
| --- | --- | --- |
| Directions: Read the question the word problem and use the information for each box. | | |
| Write the Ratio in fraction format. | Show how you will convert the ratio to the unit rate. | Show how the unit rate is used to find the solution. |

3. A bag contains 72 marbles, some red and some blue. The ratio of red marbles to blue ones is 3:5. How many of each color is in the bag?

|  |  |  |
| --- | --- | --- |
| Directions: Read the question the word problem and use the information for each box. | | |
| Write the Ratio in fraction format. | Show how you will convert the ratio to the unit rate. | Show how the unit rate is used to find the solution. |

4. The ratio of girls to boys in a a chess club was 5 : 4. There were 32 boys. How many girls were there in the club?

|  |  |  |
| --- | --- | --- |
| Directions: Read the question the word problem and use the information for each box. | | |
| Write the Ratio in fraction format. | Show how you will convert the ratio to the unit rate. | Show how the unit rate is used to find the solution. |

5. Jayden and Isabella share a reward of $40 in a ratio of 2: 3. How much does Jayden get?

|  |  |  |
| --- | --- | --- |
| Directions: Read the question the word problem and use the information for each box. | | |
| Write the Ratio in fraction format. | Show how you will convert the ratio to the unit rate. | Show how the unit rate is used to find the solution. |

6. A herd of 52 horses has 12 white and some black horses. What is the ratio of white to black horses?

|  |  |  |
| --- | --- | --- |
| Directions: Read the question the word problem and use the information for each box. | | |
| Write the Ratio in fraction format. | Show how you will convert the ratio to the unit rate. | Show how the unit rate is used to find the solution. |