

First Name: \_\_\_\_\_ Last Name: \_\_\_\_\_

**Problem 1**

There are rabbits and chickens in the basket. How many rabbits are in the basket if there are 3 heads, and 10 paws altogether?

**Problem 2**

There were 5 bicycles with 12 wheels in total. All bicycles had 2 wheels or 3 wheels. How many two-wheeled bicycles and how many three-wheeled bicycles were there?

**Problem 3**

There were 5 animals in total. Some of them were dogs and some were cats. They were given 12 biscuits in total. Each dog got 3 biscuits, each cat got 2 biscuits. How many dogs were there?

**Problem 4**

Grandma Lisa has grandchildren and piglets. They have 6 tails and 30 legs altogether. How many grandchildren and how many piglets does she have?

**Problem 5**

The family has five heads and fourteen legs. How many people are there and how many dogs?

**Problem 6**

The king had several dragons in his basement: some 2-headed and some 7-headed dragons. Each morning he counted his dragons by their head to make sure everyone was fine. This morning he counted 26 heads. How many dragons does the king have?