

1. Janet has 24 toy horses.  
12 of the toy horses are more than 6 inches long.  
14 of the toy horses are brown.  
6 horses are neither longer than 6 inches nor brown.  
How many toy horses are both more than 6 inches long and brown?

2. There are 24 animals in the petting zoo.  
10 of the animals are not small enough to pick up  
18 of the animals are furry  
4 animals are not furry and are not small enough to pick up.  
How many animals that are small enough to pick up are not furry?

3. A school is taking three music organizations to a festival.

30 students sing in the choir  
40 students play in the orchestra  
50 students march in the band  
15 students belong to the choir and the orchestra  
10 students belong to the orchestra and the band  
14 students belong to the choir and the band  
5 students belong to all three groups

How many students will need seats on the bus?

4. Kelsey has 70 Pokemon cards:  
She only has 12 Pokemon with more than 100 HP  
All of her Bug type Pokemon have less than 100 HP  
Of her Bug type Pokemon, half have wings and the other half do not  
She has 52 Pokemon that are not bug type.  
21 of her Pokemon with less than 100 HP have wings.  
25 of her Pokemon have wings  
How many of her Pokemon have wings and more than 100 HP?