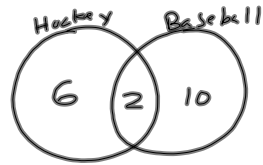


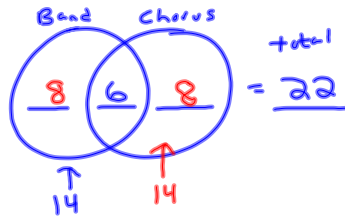
9-26-13  
5<sup>th</sup> Geo

### Venn Diagrams

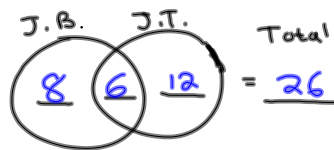


- ① How many play Hockey OR Baseball?  
*OR is all of them 18*
- ② How many play Hockey AND Baseball?  
*2*

There are 22 kids in my class.  
All are either in band or chorus.  
If there are 14 in band and  
6 who do both, how many are  
in chorus? *14*

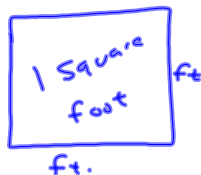


Everyone in my class likes  
Justin B or Justin T. If  
6 like both, 18 like Justin T.,  
and 14 like Justin B, how many  
Kids are in my classroom?



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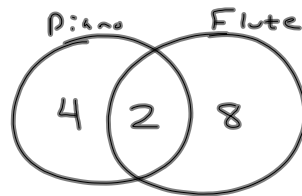
New concept  
Area



Discussion Time

9-26-13  
6<sup>th</sup> Geo

### Continue Venn Diagrams



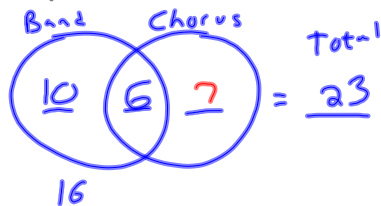
① How many play Piano or Flute?

$$4 + 2 + 8 = 14$$

② How many play Piano AND Flute?

2

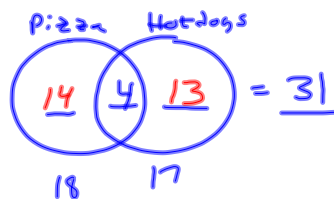
Of the 23 kids in my class, all are in band or chorus. If 6 do both and 10 do just band, how many do chorus? 13



I have 31 people in my class.

All like pizza or hot dogs.

If 18 like pizza and 17 like hot dogs, how many like both? 4



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New

### Area

