


10-2-13  
5<sup>th</sup> Geo

Questions from Ch 2 PT 1

(4) If  $a \rightarrow c$  and  $c \rightarrow b$

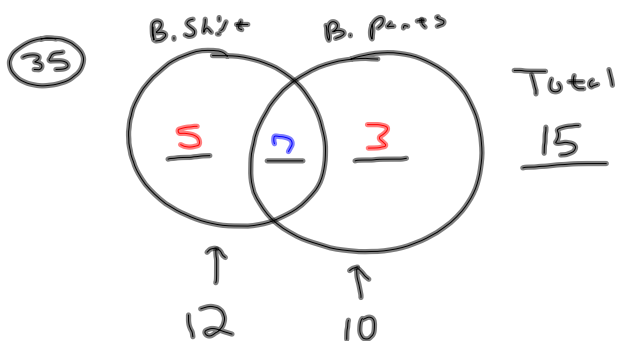
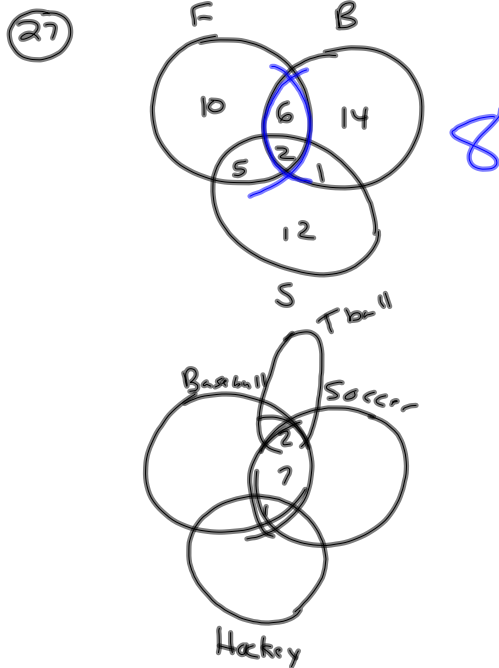
$a \rightarrow b$

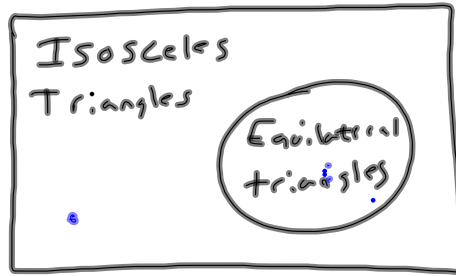
If you live in Redford,  
then you live in America.

(20)   $\frac{1}{2}bh$   $\frac{1}{2} \cdot 10 \cdot 4 = 20 \text{ cm}^2$

(13) If  $AB - NP = BC - NP$ , then

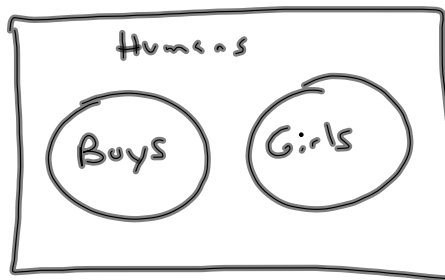
$AB = BC$  Addition





Which is true?

- A. All isosceles  $\Delta$  are also equilateral  $\Delta$
- B. All equilateral  $\Delta$  are also isosceles  $\Delta$ .
- C. Some equilateral  $\Delta$  are also isosceles  $\Delta$ .
- D. No isosceles  $\Delta$  are equilateral  $\Delta$ .

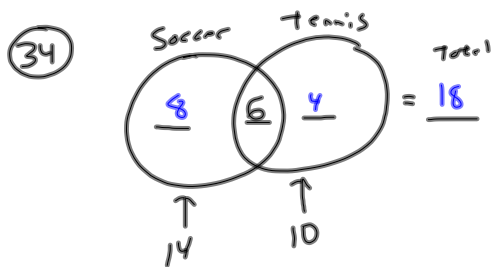
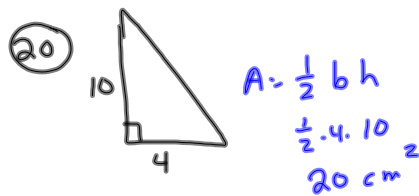
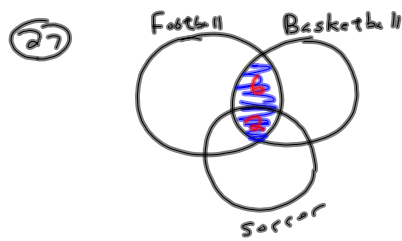
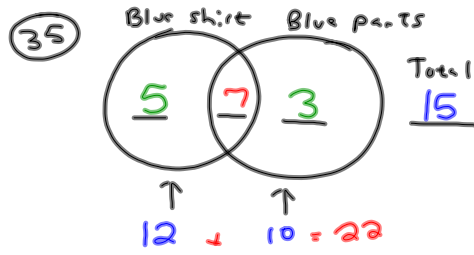


Word	Symbol
Therefore	$\therefore$
OR	$\vee$
AND	$\wedge$
if and only if	$\leftrightarrow$

The inverse of "if you aren't nice, then I will not..."

10-2-13  
6<sup>th</sup> Geo

Questions from Ch. 2 PT 1



Give inverse of "if you win, then you are great."  
If you don't win, then you are not great.

Word	Notation
Therefore	$\therefore$
AND	$\wedge$
OR	$\vee$
if and only if	$\longleftrightarrow$

Properties

If  $\angle 1 = 20^\circ$  and  $\angle 1 + \angle 2 = 90^\circ$ , then  $20^\circ + \angle 2 = 90^\circ$ . *Substitution*

If  $\angle A = \angle B$  and  $\angle B = 10^\circ$  then  $\angle A = 10^\circ$ . *Transitive*

If  $AB - CD = XY - CD$ , then  $AB = XY$ . *Addition*

If  $3AB = 3CD$ , then  $AB = \frac{CD}{3}$ . *Division*

Translate for me

$p$ : you are nice

$q$ : you are not old

If  $\boxed{\text{you are nice}} \wedge \boxed{\text{you are not old}}$ , then you are old.

$$p \wedge q \rightarrow \sim q$$