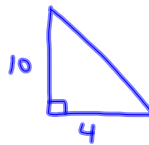10-7-13
1st Geo
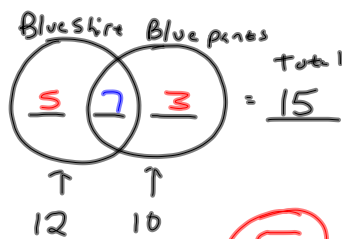
Ch. 2 Practice Test 1 Questions

(20) Area of △ w/ base of
4 cm and height of 10 cm.

$A = \frac{1}{2} \cdot b \cdot h$

$= \frac{1}{2} \cdot 4 \cdot 10$

$= 20 \, cm^2$

(35) Blue shirt   Blue pants

$\underline{5}$ ($\underline{7}$) $\underline{3}$ = Total $\underline{15}$

↑   ↑
12   10

(5)

(23) ~~25 ft²~~
530 ft² ✓

~~2500 ft²~~
~~30,000 ft²~~

_____

Class problems

① What is the inverse of
"If you are hungry, then
your stomach growls."

"If you are not hungry, then
your stomach doesn't growl."

② What is contrapositive to
"If it is expensive, it
is well made."

"If it is <u>not</u> well made,
then it is <u>not</u> expensive."

③ "If you like dogs, you like
cats" is represented by
$p \to q$. What would
represent "if you don't like
cats, you like dogs"?

$$\sim q \to p$$

④ If $p \to q$ and $q \to r$, then
___$p \to r$___ Transitive Property

Properties

⑤ A B = AB   Reflexive

⑥ If AB = XY, then   Symmetric
XY = AB.

⑦ If AB - XY = BC - XY,   Addition
then AB = BC.

⑧ If 2 = AB and
AB + BC = XY, then   Substitution
2 + BC = XY.

⑨ I have a total of 14 kids.
If 10 play soccer and 12
play tennis, how many play
__both__ tennis and soccer? 8

| soccer | tennis |
| 2 (8 | 4) = Total 14 |
10   12