

10-4-13

1st Geo

Chapter 2 Review

Converse Inverse Contrapositive

Change "Boys are great"
to an if... then...

"If you are a boy, then
you are great."

Or \vee

And \wedge

Therefore \therefore

if and only if \longleftrightarrow

Properties

Reflexive

Symmetric

Substitution

Transitive

Multiplication

Division

Subtraction

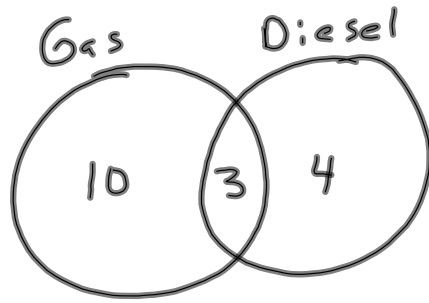
Addition

If $AB + CD = XY + CD$,
then $AB = XY$. Subtraction

If $3 \cdot AB = 12$, then
 $AB = 4$. Division

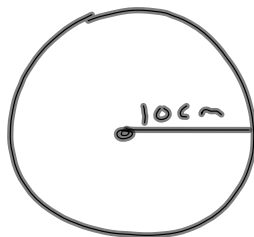
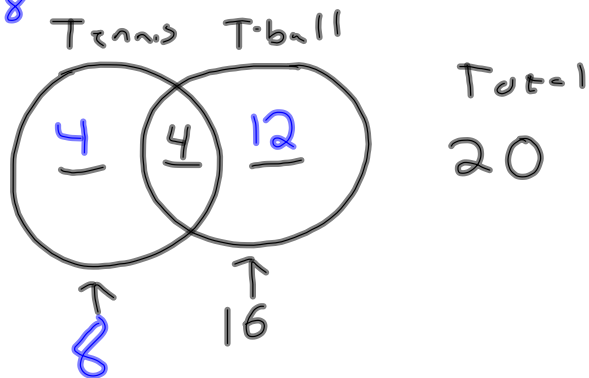
If $AB = 3$ and
 $AB + CD = 10$, then Substitution
 $3 + CD = 10$.

$\angle ABC = \angle ABC$ Reflexive



How many have a diesel car?

All 20 kids play tennis or T-ball.
 If 4 play both and there are
 16 who play T-ball, how many play
 tennis? ⁸



$$\begin{aligned}
 \text{Area} &= \pi r^2 \\
 &= \pi \cdot 10^2 \\
 &= 100\pi \\
 &\approx 314.2 \text{ cm}^2
 \end{aligned}$$

$$\begin{aligned}
 \text{Circumference} &= \pi d \\
 &= \pi \cdot 20 \\
 &\approx 62.8 \text{ cm}
 \end{aligned}$$