Math 107

Fall 2017

Lecture 1



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This class is designed to help Math 115 Students.

Math 107
MW 12:10-1:00 For 8 weeks

You will be graded based on work

turned in & Short Quizes.

All materials are available on line

"No Access code required" at

WWW. My math classes.com

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Operations:

Addition: Sum, Total, more than,

added to , increase, Plus, ...

Subtraction: Difference, less, less than,

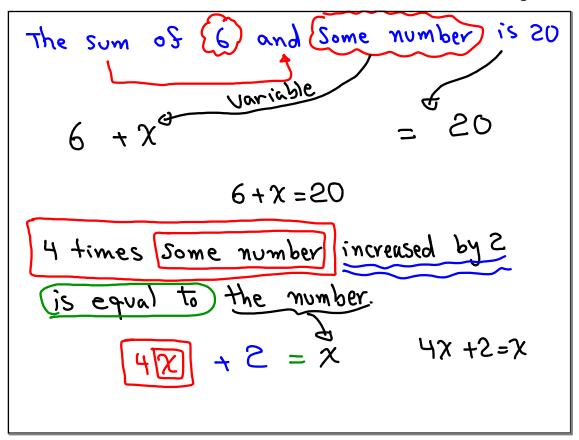
reduced by, minus, ...

Multiplication: product, times, of, ...

Division: Divide, quotient, ratio, ...

Roots & exponents: Square, Square root,

Cube, ....
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the difference of 10 and some number is equal to half the number:

$$10 - \chi = \frac{1}{2} \chi$$

Square of Some number increased by

10 is equal to 3 times the number

 $\chi^2 + 10 = 3 \chi$

the quotient of Some number and

5 less the number is equal to
$$\frac{3}{4}$$
.

 $\frac{x}{x-5} = \frac{3}{4}$

A added to $B \rightarrow B + A$

A less than $B \rightarrow B - A$

A increased by $B \rightarrow A + B$

A reduced by $B \rightarrow A - B$

A subtracted from B B-A

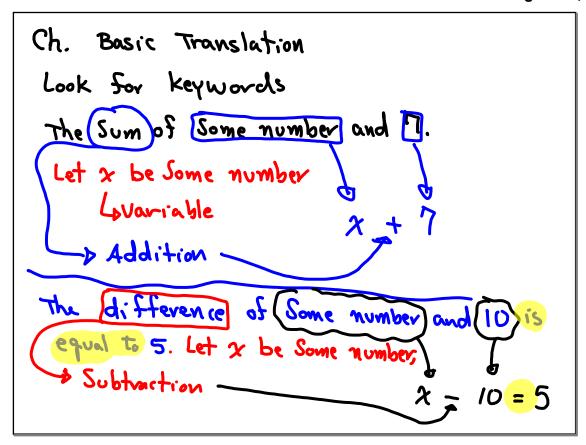
A minus B A-B

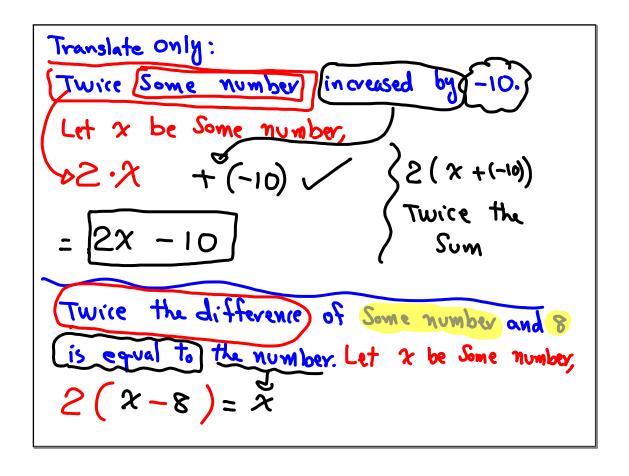
10 Subtracted from twice some number

$$2x$$
 $2x-10$

Cube of some number less 8 is equal to

the number $x = x$





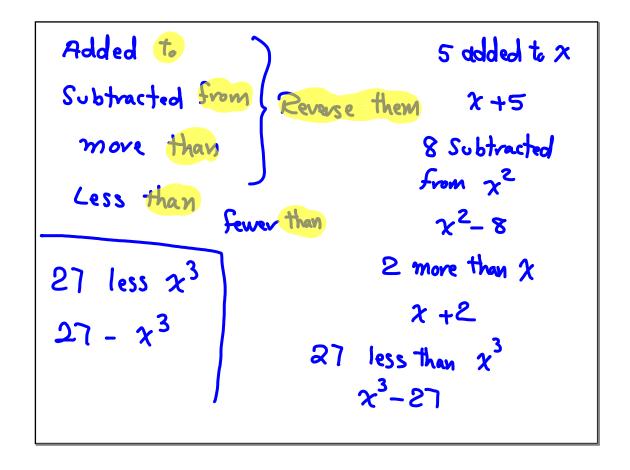
The number squared. Let
$$x$$
 be some number;

 $3 \cdot x - (-5) = x^2$

Difference of A and B \rightarrow A - B

A less B \rightarrow A - B

A reduced by B \rightarrow A - B



Square root of Some number

is equal to

The number less 2.
$$\chi - 2$$

Let χ be Some number,

 $\int \chi = \chi - 2$

The Sum of Some number and 3,

raised to the Second Power,

the result is 9 more than the number.

Let χ be Some number χ
 $\chi + \chi = \chi + \eta$

The quotient of Some number and 5

is equal to
$$\frac{1}{2}$$
.

Let χ be Some number and 10

The quotient of Some number and 10

I's equal to the quotient of 5 and the number $\frac{\chi}{10} = \frac{5}{\chi}$
 $\frac{\chi}{10} = \frac{5}{\chi}$

