Math 107
Spring 2017
Lecture 1

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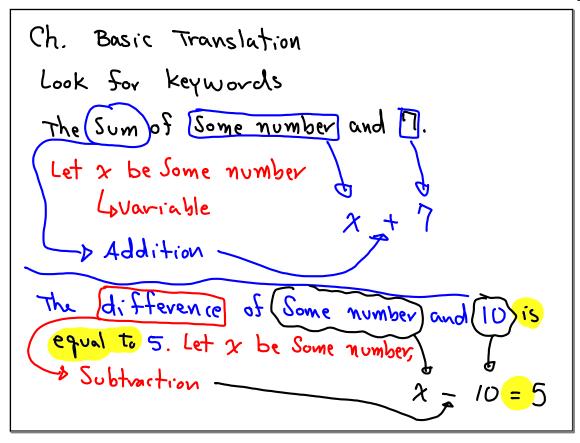
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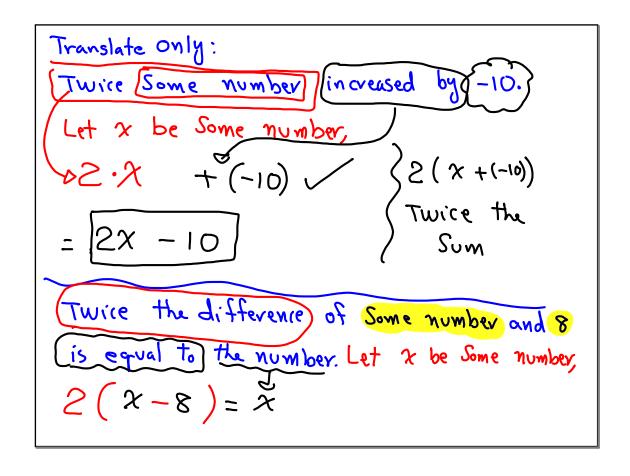
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This class is designed to help Math 115

Students.





3 times Some number reduced by -5

is equal to

the number squared. Let 
$$x$$
 be Some number,

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

A less than B

A less B  $\rightarrow A - B$ 

A reduced by B  $\rightarrow A - B$ 

Added to Subtracted from Reverse them 
$$x + 5$$

move than  $x + 5$ 

Less than fewer than  $x^2 - 8$ 

27 less  $x^3$ 
 $x + 2$ 
 $x + 2$ 

Square root of Some number 
$$\sqrt{x}$$

is equal to

the number less 2.  $x-2$ 

let  $x$  be Some number,

 $\sqrt{x} = x-2$ 

the Sum of Some number and 3,

raised to the Second Power,

the result is 9 more than the number.

Let  $x$  be Some number?

 $(x + 3)^2 = x + 9$ 

The quotient of Some number and 5

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

Let  $\chi$  be Some number and 10

The quotient of Some number and 10

The quotient of Some number and 10

The quotient of 5 and the number Let  $\chi$  be the number,  $\chi \div 10 = 5 \div \chi$ 
 $\frac{\chi}{10} = \frac{5}{\chi}$ 

The quotient of Some number and 3 more than
the number

Place holder for
is equal to  $\frac{3}{4}$ .

Praw a rectangle, label it such than
the length is I inch shorter than twice the width. w=x L=2x-1