Math 107
Fall 2016
Lecture 11

Find two consecutive odd integers such that

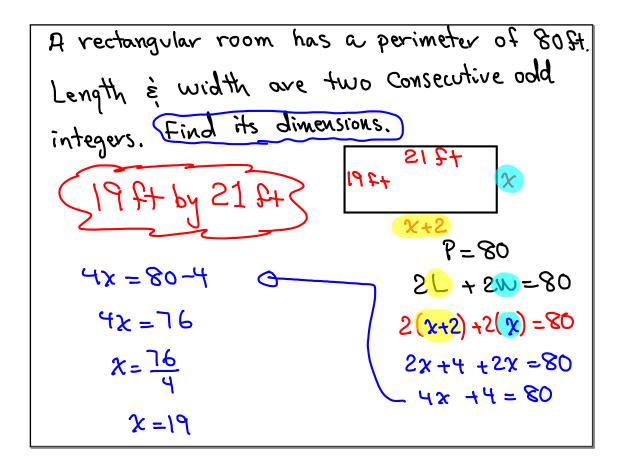
the sum of 3 times the Smaller one and

2 times the larger one is 89.

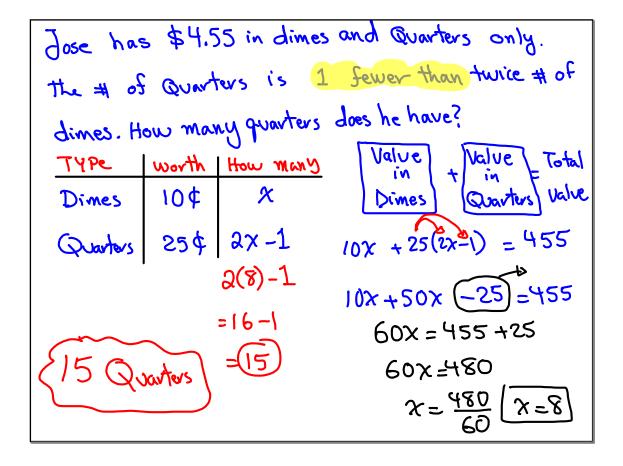
$$x \notin x+2$$
 $x \notin x+2$ 
 $x \notin$ 

Find two consecutive even integers such that the difference between 5 times the smaller and 3 times the larger one is equal to 18 more than the smaller one.

$$x \notin x + 2$$
 $x \notin x + 2$ 
 $x \notin x + 2$ 



Ch. 8 Money: Maria has \$1.85 in Nickels and Dimes		400 5	how many
only.  # of dimes is I more  than twice # of nickels.  How many of each?  (How many) (worth) = Value $25 \times 185-10$ $25 \times 175$ $15$ Dime	Dimes Value in Nidel	Total Value  Total	2x + 1 $10e 185$ $1=185$ $1+1=185$



PTA paid \$172 For the to go to Zoo.

Kid's the 
$$\rightarrow$$
\$4, Adult's the  $\rightarrow$ \$12

# of kids was I more than 4 times # of How adults.

How many of each?

Type worth many Value

12x

How many of each?

Total value=172

kids \$4 4x+1 4(4x+1)

12x +16x +4=172

28x = 172-4

28x = 172-4

28x = 168

