

Warm Up: Alg 2

10/9

Various ACT problems.

Feb 27-7:39 AM

W.A.L.T.:

Day 6

Solve systems by substitution

W.A.S.I.:

We can solve systems using substitution.

Mar 7-9:45 AM

$4x + 8y = 16$   
 $y = 4x - 7$

Notes:  
 $(2, 1)$  Substitution

$4x + 8(4x - 7) = 16$   
 $4x + 32x - 56 = 16$   
 $36x - 56 = 16$   
 $\quad + 56 \quad + 56$   
 $36x = 72$   
 $x = 2$

$y = 4(2) - 7$   
 $y = 8 - 7$   
 $y = 1$

Oct 9-7:37 AM

$5x - y = -2$  ←  $(1, 7)$  ←  
 $3x + y = 10$  →  $y = -3x + 10$   
 $-3x \quad -3x$

$3(1) + y = 10$   $5x - (-3x + 10) = -2$   
 $y = 7$   $5x + 3x - 10 = -2$   
 $8x - 10 = -2$   
 $8x = 8$   
 $x = 1$

Oct 9-7:55 AM

Today's Activities:

- Notes

P.W. for tonight:

- Worksheet: Solving Systems - Substitution

Day 4

Dec 31-9:59 PM