Carter Burke's Eagle Project Day 3 ANSWER KEY

Warm up:

X+1=4 x= 3

X-3=5 x= 8

2x=9 x= 9/2

$\frac{X}{2}=8$ x= 16

2 step equations:

3x+1=4 x= 1

$\frac{X}{7}-1=5$ x= 42

$\frac{x}{3}+5=10$ x= 15

3 step equations:

$\frac{3x}{5}+1=11$ x= 50/3

$\frac{4x}{9}-5=-1$ x= 9

$\frac{2x}{7}-12=-8$ x= 14

Challenge:

Solve for x,

3(3x+1) = y x= (y-3)/9

Solve for x,

$\frac{(3x+15)}{2}=y+11$ x= (2y+7)/3