



Carter Burke's Eagle Project Day 4 *Final Day*

Warm up:

Solve for x

$$x+1= y+6$$

$$x-3= y+1$$

$$2x= y+6$$

$$\frac{x}{3} = y-2$$

2 variable 2 step equations

Solve for x

$$2x+1=y$$

$$\frac{x}{3} -2 =y+1$$

$$4x - 5 = y - 4$$

2 variable 3 step equations

Solve for x

$$\frac{x+2}{3} =y$$

$$\frac{5x + 3y}{4} = 1$$

Challenge problem

Solve for x

$$\frac{x + 3(y - 4)}{8} = 3$$