Name Key
Mrs. Roumbos

Date_____
8A Period_____

Do Now

1) Solve the following for x:

$$\frac{x-5}{2} + \frac{1}{4} = \frac{6}{4}$$

$-\frac{1}{4}$ $-\frac{1}{4}$

$$(2)\left(\frac{x-5}{2}\right) = \left(\frac{5}{4}\right)(2)$$

$$x - 5 = \frac{10}{4}$$

$+5$ $+5$

$$\boxed{x = 7\frac{1}{2}}$$

OR

$$\frac{x-5}{2} = \frac{5}{4}$$

$$4(x-5) = 10$$

$$4x - 20 = 10$$

$+20$ $+20$

$$\frac{4x}{4} = \frac{30}{4}$$

$$\boxed{x = 7\frac{1}{2}}$$