

Add 5 pts to your Writing Project #1,  
if you already turned it in.  
Late work accepted w/ 5-point discount.

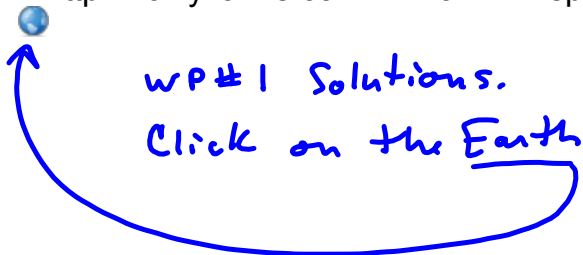
Test 1 Wednesday

Do go to Test Prep Videos.

There really aren't any surprises.

<http://harryzaims.com/121-all/121-spring-16/tests-u-took/writing-projects/>

WP#1 Solutions.  
Click on the Earth



Main reason for Thursday deadline was to give  
feedback on the skills, which I did.

TEST DAY is drop-dead day for WP#1

DAY AFTER TEST DAY is drop-dead day  
for homeworks.

#6 on WP#1

$$10x^2 - 37x - 182 = 0$$

Quadratic formula Gives

$$x = -\frac{14}{5} \quad \text{or} \quad x = \frac{13}{2}$$

Check out the cheat for making factored form. A variation on the sledgehammer that's better than I explained it:

$$x = -\frac{14}{5}$$

$$x = \frac{13}{2}$$

$$5x = -14$$

$$2x = 13$$

$$5x + 14 = 0$$

$$2x - 13 = 0$$

⇒ Factored form is: NOT AS SLICK  
 $(5x + 14)(2x - 13)$ .

I did it this way:  $x = -\frac{14}{5}$ ,  $x = \frac{13}{2}$  are zeros, so

...  $(x + \frac{14}{5})(x - \frac{13}{2})$  are factors.

Now, Don't forget leading coefficient:~

$$10(x + \frac{14}{5})(x - \frac{13}{2}) = (5)(2)(x + \frac{14}{5})(x - \frac{13}{2})$$

$$= 5(x + \frac{14}{5})(2)(x - \frac{13}{2}) = (5x + 14)(2x - 13)$$

et voila!