

Bell Work Wednesday 09/20/2017

- Solve the following quadratic inequality and graph the solution on a number line

$$5x^2 + 10 \geq 27x$$

$$5x^2 + 10 - 27x \geq 0$$

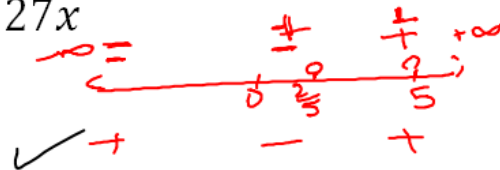
$$5x^2 - 27x + 10 \geq 0$$

$$(5x - 2)(x - 5) = 0$$

$$5x - 2 = 0 \text{ or } x - 5 = 0$$

$$5x = 2 \quad x = 5$$

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



$$(x - \frac{2}{5})(x - \frac{2}{5})$$

$$(x - 5)(5x - 2)$$

