## Today's Plan:

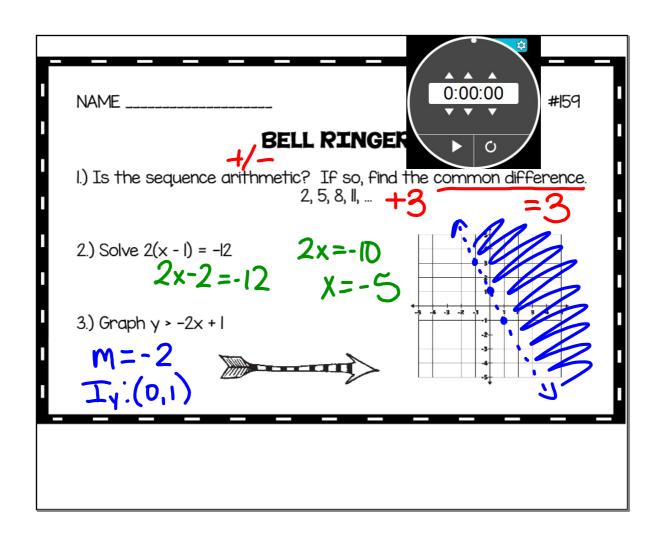
**Learning Target (standard)**: I will use prime factorization trees to simplify radicals. I will then add or subtract radicals.

**Students will**: Complete practice problems over previous concepts at the boards, put up homework problems on the board and make necessary corrections to their own work and take a quiz on radicals.

**Teacher will**: Provide practice problems over previous concepts, check homework problems for accuracy and provide students feedback, describe and provide quiz problems.

Assessment: Board work, homework check and quiz

**Differentiation**: Students will work at the board, go over and correct homework at their seats, actively engage in quiz problems.



Simplify.

$$\sqrt{44y^5}$$

$$= 2 \cdot \gamma \cdot \gamma \sqrt{11 \cdot \gamma}$$
$$= 2 y^2 \sqrt{11} y$$

$$-\sqrt{63a^8b^{10}}$$

## Simplify.

$$-3\sqrt{24} + 2\sqrt{3} + 5\sqrt{27}$$

## Simplify.

$$-3\sqrt{3} - 2\sqrt{12} - 2\sqrt{27}$$

## Simplify.

$$3\sqrt{3} - \sqrt{54} - 3\sqrt{27}$$
 $2 \ 27 \ 39$ 
 $33$