**Bell Work**

**Monday 10/24/22**

1. Solve $\sqrt{x}+2=9$
2. Solve $1= \sqrt{-2x-3}$

**Bell Work**

**Tuesday 10/25/22**

1. Simplify $\left(2b^{2}-15+c\right)-(-c-4b^{2})$
2. Airplane A uses $35d^{2}+3dr-4r^{2} $gallons of fuel to make a trip. Airplane B uses $16d^{2}+45dr-13r^{2}$ gallons of fuel to make a trip. How much less fuel does airplane B use than airplane A?

**Bell Work**

**Wednesday 10/26/22**

Multiply

1. $2x\left(x+4\right)$
2. $-3x^{3}(x^{2}-4x+1)$

**Bell Work**

**Thursday 10/27/22**

1. List 3 possible dimensions for the top of a shipping container shaped like a rectangle if it has an area of $24r^{3}d^{2}$.