**Bell Work**

**Monday 11/14/22**

1. Graph $ x^{2}+6x+5$
2. Classify according to the degree and number of terms.
3. State the vertex
4. Determine an equation for the axis of symmetry.
5. Determine the *x*-intercepts.
6. Determine the *y*-intercept.

**Bell Work**

**Tuesday 11/15/22**

1. Solve $y=x^{2}+3x-18 by graphing.$

**Bell Work**

**Wednesday 11/16/22**

1. Simplify
2. (-2 – 3*i*) + ( 2 + 4*i*)
3. (2 – 3*i*) (2 + 3*i*)

**Bell Work**

**Thursday 11/17/22**

1. A firework’s height *h* meters from the ground is given by $h= -1.5t^{2}+25t$, where *t* is the number of seconds after the firework has been lit.
2. What is the height of the firework when it explodes, if it explodes at the maximum height of its path?
3. How long is the firework in the air?