Algebra 2 - Spiral Assignment \#2
This assignment is graded based on correct answers.
However, there must be work/process shown

## Name:

$\qquad$
DUE: $\qquad$ supporting your answer to receive credit.
Directions: Print out this worksheet and show ALL of your work in the box for each question. Highlight your answers.
NO CALCULATOR


| 5) Solve. State the solution in interval notation. $3\left(\begin{array}{ll} x & 4 \end{array}\right)>6+7(x+4)$ | 6) Graph: $3 x+4 y=12$ |
| :---: | :---: |
| 7) Solve: $x(x+2)=3(x+5)$ | 8) Evaluate: $5^{2}+2\left(\begin{array}{ll}1 & 4\end{array}{ }^{2} 3\right.$ |
| 9) Given $y=2(x+4)^{2}$ 9. State the vertex. Then state the domain and range in interval notation. | 10) Simplify: $\sqrt{\frac{6}{9}}$ |
| Vertex: |  |
| Domain: $\qquad$ interval notation <br> Range: $\qquad$ interval notation |  |

